University of Glasgow.

FACULTY OF MEDICINE.

PROGRAMME OF COURSES,

REGULATIONS FOR GRADUATION,

AND

BURSARIES AND PRIZES

OPEN FOR COMPETITION.

[*For Regulations as to Degrees of B.Sc. in Public Health and in Pharmacy, see Science Syllabus.*]

1911–12.

GLASGOW:

JAMES MACLEHOSE & SONS, 61 St. Vincent Street,

Publishers and Booksellers to the University.

1911.

GLASGOW UNIVERSITY CALENDAR.

The Glasgow University Calendar (one volume, 704 pages) contains a history of the University, and an account of its present Constitution and Government; statements regarding the various Faculties and Classes; the Regulations and Subjects of Examination for Degrees in Arts, Science, Medicine, Law, and Divinity; the Annual Graduation and Prize Lists; the Bursaries, Scholarships, Fellowships, and other Endowments of the University; and a list of the Members of the General Council.

It also contains a Statement of the Annual Income and Expenditure of the University; a List of the recognised Extra-Academical Lecturers; and notices of the various Students' Societies.

The Calendar is published by James MacLehose & Sons, 61 St. Vincent Street, Glasgow. Price 3s., by post 3s. 4d.

EXAMINATION PAPERS.

The Examination Papers for 1910-11 may be obtained at the prices undernoted from the Registrar, Glasgow University, or from Messrs. James MacLehose and Sons, 61 St. Vincent Street, Glasgow.

I. Preliminary Examination Papers in Arts, Science, and Medicine, and Bursary Examination Additional Papers. (6d.; per post, 8d.)

II. Examination Papers for Degree of M.A. (6d.; per post, 10d.)

III. Examination Papers for Degree of B.Sc. (6d.; per post, 9d.)

IV. Professional Examinations for Degrees in Medicine and Surgery. (6d.; per post, 7d.)

V. Examination Papers for Degrees of LL.B. and B.L. (6d.; per post, 7d.)

VI. Examination Papers for Degree of B.D. (6d.; per post, 7d.)

University of Glasgow,

July, 1911.

MATRICULATION AND CLASS ENROLMENT.

For the purposes of Matriculation and Enrolment in Classes, the Offices will be open as follows:

WINTER SESSION, 1911-12.

Matriculation—From 13th to 26th October, 1911,
Class Enrolment—From 13th to 31st October, 1911, } 9 a.m. to 2 p.m.

SUMMER SESSION, 1912.

From 23rd April to 2nd May, 1912 (close of Matriculation and Enrolment), - - - - 9.30 a.m. to 1.15 p.m.

Both in Winter and Summer the Offices will close on Saturdays at 12 noon.

N. B.—Every student must attend **personally** to sign the Matriculation Album, and fill up the Matriculation and Enrolment Forms.

The Matriculation Fees are: in Winter (covering both Winter and Summer Sessions), £1. 1s.; in Summer (for those who were not matriculated in Winter), 10s. 6d.

Women Students matriculate and enrol at Queen Margaret College.

Programme of the Courses.

FACULTY OF MEDICINE.

Dean—PROFESSOR MUIR, M.A., M.D.,
who is also Adviser of Studies.

SESSION 1911-12.

The WINTER SESSION will be opened *on Monday*, 16*th October*, 1911, and will close *on Thursday*, 21*st March*, 1912.

Classes.	*Hours.*	*Class Fees.*	
Zoology, Elementary, . .	9 a.m., .	. £4 4[1]	PROF. KERR.
Zoological Laboratory, Elementary, ...	11 a.m. or 3 p.m., .	3 3	PROF. KERR.
Chemistry, ...	10 a.m., .	. 4 4[1]	PROF. FERGUSON.
Chemical Laboratory, 10 a.m. to 4 p.m. (see *Cal.*, p. 120), ...		5 5	PROF. FERGUSON.

[1] Fee for a second or subsequent course, £3 3s.

Classes.	*Hours.*	*Class Fees.*	
Anatomy, Junior,	11 a.m.,	£4 4[1]	PROF. BRYCE and Demonstrators.
——— *Senior,*	1 p.m.,	4 4[1]	
Practical Anatomy,	9 a.m. to 4.45 p.m.,	4 4[2][3]	
Anatomy under the New Medical Ordinance, see *Cal.*, p. 125.			
Anatomy (First Course), Jan.-Mar.,	11 a.m.,	2 2	PROF. BRYCE and Demonstrators.
—— —— (Second Course), Oct.-Dec.,	11 a.m.,	2 2	
——— Practical (Oct.-Mar.),	9 a.m. to 4.45 p.m.,	6 6[3]	
——— Practical (Oct.-Dec. *or* Jan.-Mar.),	do.,	3 3[3]	
Physiology,	12 noon,	4 4[5]	PROF. NOËL PATON and Muirhead Demonstrator.
Practical Physiology,	(see *Cal.*, p. 128),	4 4[4]	
Physiological Laboratory,	(see *Cal.*, p. 129),	10 10	
——— ——— (*Half Session*),		5 5	
Physiological Chemistry (see *Cal.*, p. 129),		2 2	Dr. E. P. Cathcart.
Psychological Physiology (see *Cal.*, p. 129),		4 4	Dr. H. J. Watt.
Materia Medica and Therap.,	11 a.m.,	4 4[5]	PROF. STOCKMAN.
Pathology,	3 p.m.,	4 4[5]	PROF. MUIR.
Pathological Histology (see *Cal.*, p. 132),		3 3[6]	PROF. MUIR.
Practical Bacteriology (see *Cal.*, p. 132),		3 3[6]	Dr. C. H. Browning.
Surgery,	12 noon,	4 4[5]	PROF. SIR WM. MACEWEN
Midwifery,	2 p.m.,	4 4[5]	PROF. M. CAMERON.
Practice of Medicine,	11 a.m.,	4 4[5]	PROF. GEMMELL.
Clinical Medicine,	9 a.m.,	3 3	PROF. ——— and PROF GEMMELL.
Clinical Surgery,	9.15 a.m.,	3 3	PROF. ——— and PROF SIR WM. MACEWEN.
Public Health,	12 noon, four days weekly,	4 4 0[5]	PROFESSOR GLAISTER and Assistants.
Public Health Laboratory,	10 a.m. to 4 p.m.,	12 12 0	
——— ——— (*Half Session*),		6 6 0	
Dermatology (Hours to be arranged),		1 11 6	J. WYLLIE NICOL, M.B
Ear,	4 p.m., Wed. (University) 4 p.m., Mon. or Thurs., (Western Infirmary),	1 1	Dr. Thomas Barr.
Throat and Nose,	4 p.m., Th. (University), 4 p.m., Tues. or Fri. (Western Infirmary),	1 1	J. Walker Downie, M.B

The SUMMER SESSION (1912) will be opened *on Tuesday, 23rd April,* and will close *on Tuesday, 2nd July.*

Classes.	*Hours.*	*Class Fees.*	
Physics,	11 a.m.,	£3 3	Dr. James G. Gray.
Practical Physics,	9 a.m. to 11 a.m. *or* 1 p.m. to 3 p.m. (see *Cal.*, p. 99),	2 2	PROF. GRAY.

[1] Fee for a Second or subsequent Course, £3 3s.

[2] Students who have taken two winters and two summers of Practical Anatomy, as well a the Junior and Senior Lecture Courses, may afterwards enrol in Practical Anatomy at £1 1s

[3] This fee includes all charges.

[4] Fee for a second attendance, £3 3s. The fee covers the whole course, viz. : I. In summe Practical Histology ; II. In winter, Practical General Physiology (Oct.-Dec.) and Practic Chemical Physiology (Jan.-March). Students should take Practical Histology befo attending the winter *Systematic* Class. Students who have already attended the Practic Physiology Course may enrol for £1 1s. in any one of the three sections.

[5] Fee for a second or subsequent session, £3 3s.

[6] Fee for Pathological Histology and Practical Bacteriology taken together, £5 5s.

Classes.	*Hours.*	*Class Fees.*		
Botany,	8 a.m. (see *Cal.*, p. 121),	£4	4[1]	PROF. BOWER.
Botanical Laboratory,	9 a.m. to 4 p.m.,	3	3[2]	
Clinical Medicine,	9 a.m.,	2	2	PROF. ——— and PROF. GEMMELL.
Clinical Surgery,	9.15 a.m.,	2	2	PROF. ——— and PROF. SIR WILLIAM MACEWEN.
Chemical Laboratory,	10 a.m. to 4 p.m.,	5	5	PROF. FERGUSON.
Practical Anatomy,	9 a.m. to 4.45 p.m.,	2	12	PROF. BRYCE and Demonstrators.
Anatomy under the New Medical Ordinance, see *Cal.*, p. 125.				
Practical Anatomy,	9 a.m. to 4.45 p.m.,	3	3[4]	
Embryology,	11 a.m. (see *Cal.*, p. 126),	2	2	Dr. J. F. Gemmill.
Do.	(if taken with Practical Anatomy),	1	1	
Embryological Laboratory,	9 a.m. to 4 p.m. (see *Cal.*, p. 126),	3	3	
Applied Anatomy,	1 p.m., (see *Cal.*, p. 127),	2	2	Dr. Robert Kennedy.
Practical Pharmacy,	12 noon,	3	3	PROF. STOCKMAN.
Practical Physiology,	9 to 11 a.m. (see *Cal.*, p. 128),	4	4[5]	PROF. NOËL PATON and Muirhead Demonstrator.
Physiological Laboratory,	(see *Cal.*, p. 129),	5	5	
Medical Jurisprudence and Public Health,	11 a.m.,	4	4[1]	PROF. GLAISTER.
Public Health Laboratory,	(see *Cal.*, p. 134),	6	6	
Practical Pathology,[6]	1 to 3 p.m. (see *Cal.*, p. 131),	3	3	PROF. MUIR.
Operative Surgery,	12 noon, with practical work at other hours as may be arranged,	3	3	PROF. SIR WM. MACEWEN.
Diseases of Women,	2 p.m., Tu., Th., Fri.,	2	2	PROF. M. CAMERON.
Insanity,	12 noon, Wed. (University), 10 a.m., Sat. (Gartnavel),	2	2	L. R. Oswald, M.B.
Dermatology,	2 p.m., Mon., Wed. (and other days and hours as may be arranged).	1	11 6	J. Wyllie Nicol, M.B.
Ear,	4 p.m., Wed. (University), 4 p.m., Mon. or Thurs., (Western Infirmary),	1	1	Dr. Thomas Barr.
Throat and Nose,	4 p.m., Th. (University), 4 p.m., Tues. or Friday (Western Infirmary),	1	1	J. Walker Downie, M.B.

[1] Fee for a second or subsequent session, £3 3s.

[2] Students who have attended Lectures or Laboratory Classes in Botany and paid fees mounting to at least £13 13s., in respect of such classes, may afterwards enrol in any ecture or Laboratory Class in Botany for £1 1s.

[3] Students who have taken two winters and two summers of Practical Anatomy, as well as he Junior and Senior Lecture Courses, may afterwards enrol in Practical Anatomy at £1 1s.

[4] This fee includes all charges.

[5] The fee covers the whole course, viz.: I. In summer, Practical Histology; II. In winter. ractical General Physiology (Oct.-Dec.) and Practical Chemical Physiology (Jan.-March). tudents should take Practical Histology before attending the winter *Systematic* Class, tudents who have already attended the Practical Physiology Course may enrol for £1 1s. in ny one of the three sections.

[6] After first Lecture, the Class will meet in divisions.

University Assistants.

Zoology, Wilfred E. Agar, M.A., D.Sc.; *Botany*, J. M. F. Drummond, M.A., and R. C. Davie, M.A.; John M. Thompson, M.A., Assistant Demonstrator; *Chemistry*, James Roberts, F.C.S., Andrew Henderson, M.A., B.Sc., Robert Scott, M.A., and John M. Martin; *Anatomy*, Matthew Young, M.B., Stephen V. Telfer, M.B., William Rutherford, M.B., James Cairns, M.B., and John Broadfoot, M.B.; *Physiology*, George H. Clark, M.B., James Hendry, M.A., B.Sc., M.B. (Muirhead Demonstrator), and Alexander Watson; William C. Mackie, M.B., Assistant Demonstrator; *Materia Medica*, Francis J. Charteris, M.D., and John C. Middleton, M.A., B.Sc., M.B.; *Pathology*, J. S. Dunn, M.A., M.B., and John Cruickshank, M.B.; *Surgery*, John A. C. Macewen, B.Sc., M.B., P. H. Robertson, M.B., and Charles Duguid, M.A., M.B.; *Midwifery*, Samuel J. Cameron, M.B., and A. N. M'Lellan, M.B.; *Practice of Medicine*, R. S. Fullarton, M.A., M.B., and Leonard Findlay, M.D.; *Forensic Medicine*, Ernest Watt, M.D., and Andrew Allison, M.B.; *Diseases of the Ear*, J. Stoddart Barr, M.B.; *Diseases of the Throat and Nose*, W. Walls Christie, M.D.

In addition to the University Courses, the following Hospitals and Dispensaries afford ample means for Practical Instruction in the various departments of Medicine and Surgery :—

Western Infirmary.—This Hospital contains 595 beds for medical and surgical patients, including two Wards for Skin Diseases (twenty beds), and two for diseases peculiar to females. *Physicians*—Prof. Samson Gemmell, M.D.; Prof. Ralph Stockman, M.D.; William MacLennan, M.B., C.M.; R. B. Ness, M.B., C.M.; J. Wyllie Nicol, M.B., C.M. (Skin Department). *Honorary Consulting Physician*—Gavin P. Tennent, M.D. *Gynaecologists*—Professor Murdoch Cameron, M.D.; J. M. M. Kerr, M.D. *Honorary Consulting Gynaecologist*—W. L. Reid, M.D. *Assistant Physicians*—William R. Jack, M.D.; James Carslaw, M.A., M.B., C.M.; John S. M'Kendrick, M.D.; R. Speirs Fullarton, M.B., Ch.B. *Surgeons*—Professor Sir William Macewen, M.D., LL.D., F.R.S.; J. C. Renton, M.D.; Sir George T. Beatson, K.C.B., M.D.; T. K. Dalziel, M.B.; James H. Nicoll, M.B.; Robert Kennedy, M.D., D.Sc. *Honorary Consulting Surgeon*—Sir Hector C. Cameron, M.D. *Assistant Surgeons*—Duncan Macartney, M.D.; Alfred A. Young, M.A., M.B.; George Burnside Buchanan, B.A. (Cantab.), M.B., C.M.; John Morton, M.B.; Geo. H. Edington, M.D.; Alex. MacLennan, M.B. *Dispensary Physicians*—Frank J. Charteris, M.D., Ch.B.; Alexander B. Sloan, M.D., Ch.B.; John Gracie, M.B., Ch.B.;

Leonard Findlay, M.D.; John P. Duncan, B.Sc., M.B., Ch.B.; Geo. A. Allan, M.B., Ch.B.; J. R. C. Greenlees, M.B., B.C. *Extra Dispensary Physicians*—George H. Clark, M.B., Ch.B.; Daniel R. Kilpatrick, M.B., Ch.B. *Dispensary Gynaecologists*—Samuel J. Cameron, M.B., Ch.B.; David Dickie, M.B., F.R.C.S. *Dispensary Physician for Diseases of the Skin*—J. G. Tomkinson, M.D. *Dispensary Surgeons*—Archibald Young, B.Sc., M.B., C.M.; M. Logan Taylor, M.B., Ch.B.; W. W. Christie, M.D., C.M.; C. C. Cuthbert, M.A., M.D., Ch.B.; A. H. Edwards, M.B., C.M.; R. B. Carslaw, M.A., M.B., Ch.B. *Extra Dispensary Surgeons*—William Rankin, M.A., M.B., Ch.B.; J. M. Renton, M.B., Ch.B.; Roy F. Young, M.B., B.C.; W. A. Campbell, M.B., Ch.B.; A. J. Hutton, M.B., Ch.B. *Anaesthetists*—James P. Boyd, M.B.; R. Home Henderson, M.D.; J. W. Renton, M.B., Ch.B.; J. S. M'Conville, M.A., M.D. *Consulting Medical Electrician*—D. J. Mackintosh, M.B., M.V.O. *Medical Electricians*—J. G. Tomkinson, M.D.; Archibald Hay, M.A., M.D.; W. F. Somerville, M.A., B.Sc., M.D. *Dispensary Surgeon for Diseases of the Ear*—Thomas Barr, M.D. *Assistant Dispensary Surgeon for Diseases of the Ear*—J. Stoddart Barr, M.B., Ch.B. *Honorary Consulting Physician for Mental Disorders*—L. R. Oswald, M.B., C.M. *Dispensary Surgeon for Diseases of the Throat and Nose*—J. Walker Downie, M.B. *Dental Surgeon*—W. D. Woodburn, L.D.S. *Pathologist*—Professor Robert Muir, M.D. *Assistant Pathologists*—John S. Dunn, M.A., M.B., Ch.B.; Carl H. Browning, M.D. *Vaccinator*—John Lindley Carstairs, M.A., M.B., C.M. *Medical Superintendent*—Donald J. Mackintosh, M.B., M.V.O. *Matron*—Miss Helen Gregory Smith. *Secretary and Treasurer*—Henry Johnston, 87 Union Street. The hour of visit is 9 A.M. The Dispensary for Out-Patients is open daily at 2 P.M. Vaccination—Mondays and Thursdays at 12 noon. The station is recognised by the Local Government Board. Fee, £1 1s. It is recommended that when practicable students should attend the vaccination course during the winter session.

According to the present arrangement admission to the practice of this Infirmary is subject to the following regulations:—

1. No student shall be permitted to attend the Infirmary without a Ticket duly signed by the Superintendent.

2. The Fees payable shall be as follows:—

(*a*) Every Student shall pay a fee of £10 10s. for Hospital attendance, and this shall be kept quite separate from the Fees for Clinical Instruction.

(*b*) Every Student shall pay £3 3s. for each Winter Session, and £2 2s. for each Summer Session, of Clinical Instruction.

(*c*) Students who have completed their Clinical Course elsewhere shall be permitted to enter for a six months' course of the *Hospital only*, on payment of a fee of £2 2s.

(*d*) There shall be two Courses of Clinical instruction, the first extending from the beginning of November to April, and the second from the beginning of May to July.

(*e*) At the beginning of each Course the Student shall give intimation to the Superintendent of the Clinical Teacher whose course he wishes to attend, by filling up a form which will be supplied on application to the Superintendent.

3. The fees shall be paid to the Superintendent, who shall give each Student a Ticket of Admission to the Lectures of the Physicians or Surgeons he wishes to attend. He shall also hand to each of the Clinical Lecturers a list of the Students who have taken out Tickets for their respective Courses.

Glasgow Royal Infirmary.—Number of beds, 588. Special wards are set aside for the treatment of Venereal Diseases, Diseases of Women, Diseases of the Throat and Nose, and special beds for Diseases of the Ear. *Physicians*—George S. Middleton, M.A., M.D.; Thomas Kirkpatrick Monro, M.A., M.D.; Walter K. Hunter, M.D., D.Sc.; John M. Cowan, M.D., D.Sc.; J. B. Mackenzie Anderson, M.A., M.B. *Surgeons*—John Barlow, M.D.; James Alexander Adams, M.D.; David Newman, M.D.; James Hogarth Pringle, M.B.; Henry Rutherfurd, M.A., M.B.; Peter Paterson, M.B. *Assistant Physicians*—John Henderson, M.D.; Campbell S. Marshall, M.D.; James Scott, M.A., M.B., Ch.B.; John Thomson Maclachlan, M.D.; A. W. Harrington, M.D.; D. H. Macphail, M.B., Ch.B. *Extra Assistant Physicians*—W. H. Brown, M.D.; William A. Stuart, M.B., Ch.B. *Assistant Surgeons*—A. N. McGregor, M.D.; John Patrick, M.B.; A. G. Faulds, M.B.; John A. C. Macewen, B.Sc., M.B.; Thomas Kay, M.B.; Robert Ramsey, M.B., Ch.B. *Extra Assistant Surgeons*

—James Battersby, F.R.C.S. (Eng.); Donald Duff, F.R.C.S. (Edin.); Milne M'Intyre, M.B., Ch.B.; Alexander J. Couper, M.B., Ch.B.; Robert S. Dewar, M.A., M.B., Ch.B. *Diseases of Women*—G. Balfour Marshall, M.D. *Consulting Surgeon for Diseases of the Eye*—A. Maitland Ramsay, M.D. *Diseases of the Throat and Nose*—John Macintyre, M.B. *Pathologist and Curator of Museum*—John H. Teacher, M.A., M.D. *Assistant Pathologists*—A. M. Kennedy, M.B., Ch.B.; Milne M'Intyre, M.B., Ch.B. *Anaesthetists*—John Donald, M.D.; Robert Bruce, M.B., Ch.B.; and H. P. Fairlie, M.B., Ch.B. The hour of visit is 9 A.M. The hours at the dispensary for out-patients are as follows:—*Diseases of the Ear*—James Kerr Love, M.D. 3.30 P.M., Tuesday and Friday. *Diseases of the Throat and Nose*—R. Fullerton, M.D. 11 A.M., Tuesday and Friday. *Diseases of the Eye*—J. Rowan, M.B.; and H. W. Thomson, M.D. 11 A.M., Monday, Wednesday, and Friday. *Diseases of the Skin*—Alexander Morton, M.A., M.D. 11 A.M., Monday, Wednesday, and Friday. *Gynaecologists*—A. G. Banks, M.D.; E. G. Taylor, L.R.C.S.E.; James Taylor, F.R.C.S.E. 10 A.M., daily. *Diseases of the Teeth*—William Taylor, L.D.S. 3.30 P.M., Monday, Wednesday, and Saturday. *Vaccination*—Hugh H. Borland, M.B., D.P.H., 12 NOON, Monday and Thursday. The station is recognised by the Local Government Board.

The Electric Pavilion contains all the most recent apparatus for the diagnosis and treatment of disease by Electricity. *Consulting Electrician*—John Macintyre, M.B. *Medical Electrician*—James R. Riddell, L.R.C.P. etc. *Assistant Medical Electricians*—Samuel Capie, M.B.; Katharine M. Chapman, L.R.C.P. Ed. *Bacteriologist*—David M'Crorie, L.R.C.P. *Assistant Bacteriologist*—J. Archibald Campbell, L.R.C.P.S. *Extra Assistant Bacteriologist*—Elizabeth T. Fraser, M.D.

Fees, which include Hospital Practice and the Clinical Lectures, for one year £10 10s., six months £6 6s., three months £4 4s. The total fee is £21. Vaccination £1 1s. The whole Vaccination fee and two-thirds of these fees will be paid by the Carnegie Trust for students who fulfil the conditions of the Trust. *Superintendent*—J. Maxtone Thom, M.B., D.P.H. *Matron*—Miss J. Melrose. *Secretary*—Peter Rintoul, C.A., 212 West George Street.

Eye Infirmary, 174 Berkeley Street and 80 Charlotte Street.—Hour of Visit, 1 p.m. daily. Fee for six months, £1 1s.; for twelve months, £2 2s.

Ophthalmic Institution, 126 West Regent Street.—Hour of Visit, 2 p.m. Fee for a qualifying course, £1 1s.

Diseases of the Ear; Diseases of the Throat and Nose; Dermatology—see *Calendar*.

Insanity.—During the Summer Session Dr. Oswald gives in the University a Course of Lectures on Insanity at 12 noon on Wednesdays, and Clinical Instruction at the Glasgow Royal Asylum, Gartnavel, at 10 a.m. on Saturdays. Fee for the combined Course, £2 2s.

At Gartloch Asylum, Gartcosh, Senior Medical Students may obtain appointments as Resident Clinical Clerks. These appointments are made in April and October for six months. Board and lodging with railway fare to and from Glasgow are allowed, and Classes can be attended in Glasgow in the earlier part of the day. Application should be made to the Medical Superintendent, W. A. Parker, M.B., considerably in advance.

Fevers.—Clinical Instruction in Fevers is given at the Ruchill Hospital and the Belvidere Hospital. Fee for a course extending over ten weeks, once a week, £1 1s. Apply to Mr. James D. Borthwick, 285 George Street, Glasgow.

CLASSES IN THE FACULTY OF MEDICINE.

The Faculty of Medicine embraces the Classes of Chemistry, Physics, Botany, Zoology, Anatomy, Embryology, Applied Anatomy, Physiology, Materia Medica, Pathology, Forensic Medicine, Surgery, Clinical Surgery, Practice of Medicine, Clinical Medicine, Midwifery, Insanity, Diseases of the Eye, Fevers, Diseases of the Ear, Diseases of the Throat and Nose, Diseases of the Skin, and Diseases of Children.

Order of Study recommended previous to 1st October, 1911, being the date on which the New Medical Ordinance comes into operation.

It is advantageous that the Student should commence his studies in Summer. Candidates are advised not to go up for examination in Chemistry and Zoology till the Autumn before the Second Winter.

1st Summer.—Physics, Botany.

1st Winter.—Chemistry, Junior Anatomy, Zoology. Practical Zoology may also be taken. Practical Chemistry in Laboratory may also be taken if desired.

2nd Summer.—Practical Anatomy, Embryology, Practical Histology. Practical Chemistry may be taken if not already attended.

2nd Winter.—Senior Anatomy, Physiology, Practical Physiology, Practical Anatomy.

3rd Summer.—Practical Anatomy, Practical Pharmacy, Clinical Surgery and Hospital.

3rd Winter.—Surgery, Materia Medica, Clinical Surgery, Hospital and Dispensary Practice.

4th Summer.—Practical Pathology, Medical Jurisprudence and Public Health, Operative Surgery, Clinical Medicine and Hospital.

4th Winter.—Pathology, Practice of Medicine, Midwifery, Also Clinical Class and Hospital.

5th Summer.—Insanity, Diseases of Women, the Skin, the Eye, the Ear, the Throat and Nose, Vaccination, Hospital, Fevers.

5th Winter.—Hospital, Midwifery Practice, and Specialities of Practice not previously attended to.

REGULATIONS FOR GRADUATION IN MEDICINE AND SURGERY.

The Degrees in Medicine and Surgery conferred by this University are all recognised by the Medical Acts as qualifying for practice throughout the British dominions, and for admission to the Army, Navy, and Public Medical Service.

Every student who began medical studies previous to 1st January, 1892, is entitled to graduate under the system in force before or after that date, according as he shall comply with the regulations in force in the University before[1] or after that date. All others must fulfil the requirements of Ordinance No. 14,

[1] These regulations may be found at pp. 188—192 of the *University Calendar* for session 1895-96, and in the *Calendars* for preceding sessions.

Glasgow No. 1—Regulations for Degrees in Medicine[1]—the principal provisions of which are as follows :—

I. Four degrees in Medicine and Surgery are conferred by the University of Glasgow, viz., Bachelor of Medicine (M.B.), Bachelor of Surgery (Ch.B.), Doctor of Medicine (M.D.), and Master of Surgery (Ch.M.). The Degree of Bachelor of Surgery shall not be conferred on any person who does not at the same time obtain the Degree of Bachelor of Medicine, and the Degree of Bachelor of Medicine shall not be conferred on any person who does not at the same time obtain the Degree of Bachelor of Surgery.

II. Subject to regulations to be made from time to time by the University Court, the University may also confer diplomas in Special Branches of Medical and Surgical Practice on graduates of the University in Medicine and Surgery.

III. Before commencing his medical studies, each student shall pass a Preliminary Examination in (1) English, (2) Latin, (3) Elementary Mathematics, and (4) Greek or French or German : Provided always that, in the case of a candidate whose native language is not English, an examination in the native language of the candidate may be substituted for one in either French or German, and an examination in any other classical language for one in Latin or Greek.[2] [3]

IV. The extent and standard of the Preliminary Examination shall be determined by the Joint-Board of Examiners constituted under Ordinance No. 13 (Regulations as to Examinations) in accordance with the terms of that ordinance.

Under this section the Joint-Board have directed that for the Medical Preliminary Examination the papers set in Latin, Greek, and Mathematics shall be the same as those set on the lower standard in these subjects in the Arts and Science Preliminary Examination.[4]

In English, no set books shall be prescribed, nor shall a general knowledge of the life and works of the greater authors be expected of candidates, but one or two questions may be set, giving an opportunity to candidates to show a knowledge of famous literary works. The

[1] **Or, on and after 1st October, 1911, of University Court Ordinance No. XXXI., Glasgow No. 9 [Regulations for Degrees in Medicine]. See p. 31.**

[2] The candidate for the Degrees of Bachelor of Medicine and Bachelor of Surgery must have been registered in the books of the General Medical Council at least five years prior to the date of his graduation. In order to be so registered he must transmit to James Robertson, Esq., the Scottish Branch Registrar, 54 George Square, Edinburgh, together with a printed form of application, which may be obtained from the Registrar, The University, a certificate of having passed the Preliminary Examination, and satisfactory evidence of the applicant having attained the age of sixteen years.

[3] Each applicant for examination in a special subject in the Preliminary Examination shall pay, in addition to the statutory fee for Preliminary Examination, the sum of One Guinea, and should the applicant be successful in passing the examination in the special subject he shall be entitled to recover the sum of One Guinea when he has become a matriculated student of the University, *i.e.*, has entered his name in the Matriculation Album, and has been enrolled in at least one University Class.

[4] For details see pp. 47, 48.

historical questions shall not be confined to any one period, but shall cover the whole of British History, and shall be set in such a way as to give an opportunity to candidates who have confined their studies to a single period to show their knowledge. A single three hours' paper shall be set, containing an Essay, a Paraphrase, two questions on History, two on Geography, four on Grammar (including correction of sentences, parsing, analysis of sentences, and derivations), two of a literary and general kind. Eight answers shall be required. The Essay, the Paraphrase, one answer on History and one on Geography shall be compulsory.

One paper shall be set in French and one in German. The papers shall be of a lower standard than those set in these subjects in the Arts and Science Preliminary Examination. The time allowed for each of these papers shall be three hours. The paper in each subject shall comprise questions in Grammar, translation into English, and Composition including a continuous passage and short sentences of an idiomatic character.

The papers set in examinations in the *native language* of a candidate (as a substitute for French or German) or in *another classical language* (as a substitute for Latin or Greek) shall conform, so far as possible, to the directions for setting papers in Modern Languages and in Latin or Greek respectively.

It shall be in the option of any candidate for the Medical Preliminary to take the papers set on the higher standard for the Arts Preliminary in any of the subjects.

Candidates who, having taken English or a Modern Language on the higher standard, as prescribed by the Arts Ordinance for the Arts and Science Preliminary, have obtained a satisfactory percentage of marks, shall be held to have passed the Medical Preliminary in these subjects,[1] provided that all the required subjects are passed at not more than two examinations.

It shall be at the Board's discretion at all times in the case of any candidate for the Medical Preliminary who professes all his four subjects at one time, and who has obtained in all a number of marks equivalent to the sum of the marks required for a pass in each, to allow such candidate a pass in the whole examination, provided that in no single subject he has obtained less than half of the marks required for a pass, and that the pass-mark be reached in the English paper. Special consideration is given, at the discretion of the Board, in the case of foreign candidates.

V. The Preliminary Examination shall be conducted in accordance with the provisions of Ordinance No. 13 (Regulations as to Examinations), and, subject to the provisions of the immediately succeeding section hereof, *a candidate shall be obliged to pass in all the required subjects at one or not more than two examinations; Provided that he may offer himself for re-examination as often as may be necessary to satisfy this condition.*[2]

[1] On the Higher Mathematics paper, an Intermediate Pass in Mathematics is granted.

[2] The words in *italics* are taken from Ordinance No. 156, Section I.

VI. A degree in Arts or in Science (not being a degree *honoris causa tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University specially recognised for the purpose by the University Court, shall exempt from the Preliminary Examination; and the Joint-Board of Examiners appointed under the provisions of Ordinance No. 13 (Regulations as to Examinations) shall have power to determine what examinations, other than those for the degrees hereinbefore mentioned, shall be accepted, either in whole or in part, in place of the Preliminary Examination.[1]

The Joint-Board have issued the following rules under the heading:—Examinations accepted as exempting from the Preliminary Examination in Medicine: *Provided always that the regulations of the General Medical Council regarding the registration of students of Medicine be complied with*:—

1. In terms of the Medical Ordinances, "a degree in Arts or in Science (not being a degree *honoris causa tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University, specially recognised for the purpose by the University Court, shall exempt from the Preliminary Examination."

2. Any candidate who produces a certificate of having passed the Preliminary Examination in Arts or Science in any Scottish University, either at the University Examination or through the Leaving Certificate Examinations of the Scotch Education Department, or partly at the University Examination and partly through the Leaving Certificate Examinations, shall be held to have passed the Preliminary Examination for Medicine: Provided that the examination has included the specified subjects of General Education as required under the Regulations of the General Medical Council, and by Section III. of this ordinance.

3. A candidate who has passed the Arts and Science Preliminary Examination of the Joint-Board in any subject (Higher Standard where there is more than one) recognised for the Medical Preliminary Examination, shall be exempted from further examination in that subject in the aforesaid Preliminary Examination.

4. A candidate who passed in the Honours Grade, or who has passed in the Higher Grade in any subject of the Leaving Certificate Examinations of the Scotch Education Department recognised for the Medical Preliminary Examination shall be exempted from further examination in that subject in the aforesaid Preliminary Examination.

The regulation that all the subjects of the examination shall be passed at one or not more than two examinations shall not be held to apply to the above cases, 2, 3, and 4. But candidates complying with Rules 2, 3, and 4 must obtain a University Certificate specifying the examinations passed by them which have been accepted as equivalents to the Preliminary, and must present said certificate to the Medical Registrar in order to registration.

[1] Applications for exemption on the ground of having passed examinations not included in the following list should be addressed to the Convener of the Board. As several Universities have to be consulted, a decision on a new case cannot be guaranteed in less time than from two to three weeks.

Further, each such candidate when applying for said certificate must, if he has not entered for any part of the Preliminary, produce a Matriculation Card from some one of the Scottish Universities.

5. Passes in the lower Grade of the Leaving Certificate Examinations of the Scotch Education Department will not be accepted as exempting from the Medical Preliminary Examination unless the examinations in all the requisite subjects have been taken and passed at one or not more than two examinations.

The Intermediate Certificate of the Scotch Education Department shall be accepted in lieu of the Medical Preliminary Examination, provided that it includes the four requisite subjects. When all the necessary subjects are not included, passes in individual subjects may be accepted if the Department has notified to the Clerk of Senatus or to the Joint Board that a sufficient standard has been reached in such subjects.

6. The following English and Irish University Examinations will be accepted[1] (provided they include all the subjects required under the regulations of the General Medical Council, and prescribed by Section III. of this ordinance), viz.:—

OXFORD Responsions, or Moderations—provided the candidate pass the examination of the Joint-Board in English.

CAMBRIDGE Previous Examination—provided that candidates who have passed it prior to Michaelmas, 1896, shall pass the examination of the Joint-Board in English. If passed after Michaelmas, 1896, the Previous Examination will be accepted as exempting *in toto*.

OXFORD AND CAMBRIDGE SCHOOLS EXAMINATION BOARD.—The Passes in Latin, Greek, and Mathematics specified on p. 232, of *Cal.*, as exempting from the Lower Standard in Arts and Science will exempt also from the Medical Preliminary in these subjects. The Pass in French or German for the Lower Certificate or for the 'School' or 'Leaving Certificate' will be accepted for a Pass in the Medical Preliminary in French or German. For English, the Board will accept (1) The Higher Certificate with English; (2) The 'School' or 'Leaving Certificate' in English, with *either* History *or* Geography; (3) The Lower Certificate in English, History, and Geography.

OXFORD Senior Local Examination will be accepted *pro tanto*, in subjects other than English; in English, if only a pass is offered, Composition must have been taken, with Literature or a Literary subject.

OXFORD Higher Local Examination will be accepted *pro tanto*.

CAMBRIDGE Senior Local Examinations will be accepted *pro tanto*, except that, in English, Composition must have been taken, with Literature or a Literary subject.

[1] The italicised words in Section V., page 13, shall be held to apply to the aceptance of these Examinations.

CAMBRIDGE Higher Local Examinations will be accepted *pro tanto.*
LONDON UNIVERSITY Matriculation Examination.
TRINITY COLLEGE, DUBLIN.—Public Entrance Examination (Large Certificate.)
ROYAL UNIVERSITY OF IRELAND.—Matriculation Examination.
QUEEN'S UNIVERSITY OF BELFAST.—Matriculation Examination.
UNIVERSITIES OF MANCHESTER, LIVERPOOL, LEEDS, AND SHEFFIELD.—Joint Matriculation Examination (the whole examination must be passed, as required for admission to the Faculties of these Universities).
UNIVERSITY OF BIRMINGHAM Matriculation Examination will be accepted *pro tanto.*

By *pro tanto* is here meant that a certificate of having passed in the examination referred to, in any subject required for the Medical Preliminary Examination, shall, as regards that subject, exempt from further examination in the said Preliminary Examination, provided that all the remaining subjects shall be passed at one or not more than two examinations.

7. Provided the examinations include all the subjects required by the General Medical Council and prescribed by the Medical Ordinances of the Scottish Universities Commissioners, see p. 304 of *Calendar*, Section III.—

BRITISH COLONIES AND DEPENDENCIES:—

Candidates from British Colonies and Possessions will be exempted if they present evidence that they have passed all the Preliminary Examinations in the subjects above referred to that are prescribed for students proceeding to graduation in Medicine at a University or College empowered to confer degrees in their home country, provided that the evidence shows that they possess a knowledge of English sufficient to enable them to follow with profit the courses of instruction in this country.

CONTINENTAL COUNTRIES:—

Abiturienten-Examen, of (1) the Gymnasium, (2) Realgymnasium, and (3) Oberrealschule of Germany, and corresponding Entrance Examinations to the Universities of other countries will be accepted.

[Students would do well to ascertain by application to the Registrar, whether their Preliminary Examination is complete before beginning their medical studies.]

PROFESSIONAL EDUCATION.[1]

VII. Candidates shall be admitted to the Degree of Bachelor of Medicine and Bachelor of Surgery only after they have fulfilled the following conditions:—

1. The candidate must have been engaged in medical study for at least five years.
2. In each of the first four years the candidate must have attended at least two courses of instruction, in one or more of the subjects of study specified in Sub-section 4 hereof—each course extending

[1] For Curriculum of Study recommended, see pp. 10, 11.

over a session of not less than five months, either continuous or divided into two terms; or, alternatively, one such course, along with two courses, each extending over a session of not less than two and a half months.

3. During the fifth or final year the candidate shall be engaged in clinical study for at least nine months at one or more of such public hospitals or dispensaries, British or Foreign, as may be recognised for the purpose by the University Court.

4. The candidate must, during his curriculum, have attended a course or courses of instruction in each of the following subjects of study, including such examinations as may be prescribed in the various classes, viz.:—

1. ANATOMY,	During a course of not less than five months.
2. PRACTICAL ANATOMY,	During two courses of not less than five months each.
3. CHEMISTRY,	During courses of not less than five months.
4. MATERIA MEDICA and THERAPEUTICS,	
5. PHYSIOLOGY or INSTITUTES OF MEDICINE,	
6. PRACTICE OF MEDICINE,	
7. SURGERY,	
8. MIDWIFERY and the DISEASES peculiar to WOMEN and INFANTS. Two courses of Midwifery, of three months each, provided different departments of Obstetric Medicine be taught in each of the courses, shall be reckoned equivalent to a course of not less than five months,	
9. PATHOLOGY,	
10. PRACTICAL CHEMISTRY,	During courses of not less than two and a half months.
11. PHYSICS (including the DYNAMICS OF SOLIDS, LIQUIDS, and GASES, and the RUDIMENTS OF SOUND, HEAT, LIGHT, and ELECTRICITY),	
12. ELEMENTARY BOTANY,	
13. ELEMENTARY ZOOLOGY,	
14. PRACTICAL PHYSIOLOGY,	
15. PRACTICAL PATHOLOGY,	
16. MEDICAL JURISPRUDENCE and PUBLIC HEALTH,	

Provided always, in so far as regards the University of Glasgow, that—

(*a*) It shall be the duty of the Senatus to determine from time to time [after receiving through the Faculty of Medicine the opinion of the Board of Studies] the number of meetings of which such courses shall consist, and in what cases two half courses shall be deemed equivalent to a full course; and to report the determination to the University Court for its approval.[1]

(*b*) It shall be the duty of the Professors and Lecturers to submit to the Senatus [after 1st October, 1894, the Board of Studies] annually at the end of the winter session a scheme specifying what propor-

[1] The Universities Commission, on 18th November, 1893, ordained that for the better carrying out of the purposes of these provisos the Senate should institute a Board or Boards of Studies in the Faculty of Medicine. See Section I., Ordinance No. 42, which received the approval of Her Majesty in Council on 28th May, 1894. The provisions of this supplementary ordinance have, in the text, been combined with the provisions of the original ordinance, by means of square brackets.

tion of the courses shall be devoted to lectures, practical demonstrations, examinations, and tutorial work respectively. [The Board of Studies shall transmit the schemes to the Faculty of Medicine, who shall submit them to the Senate with such observations as they may think fit to make thereon.] The Senatus shall transmit such schemes, with such observations as it may think fit to make thereon, to the University Court for its approval.[1]

(c) The University Court shall not grant or continue recognition to any institutions or teachers unless it shall be satisfied that their courses of instruction are equivalent to the courses sanctioned in the Universities of Scotland.

5. The candidate must have attended for at least three years the Medical and Surgical Practice of a General Hospital at Glasgow or elsewhere, which accommodates not fewer than eighty patients, and possesses a distinct staff of physicians and surgeons, and is recognised for the purpose by the University Court.[2]

6. The candidate must have attended Clinical Surgery during a course or courses extending over not less than nine months. These courses may be conducted by the Professor of Clinical Surgery, or by Professors or Lecturers appointed for the purpose by the University Court, or by the ordinary surgeons of a general hospital defined and recognised as hereinbefore provided, and shall consist of regular instruction at the bedside, along with Clinical Lectures.

7. The candidate must have attended Clinical Medicine during a course or courses extending over not less than nine months. These courses may be conducted by the Professor of Clinical Medicine, or by Professors or Lecturers appointed for the purpose by the University Court, or by the ordinary physicians of a general hospital defined and recognised as hereinbefore provided, and shall consist of regular instruction at the bedside, along with Clinical Lectures.

8. The candidate must have attended a course of instruction in Mental Diseases, of such duration, and so apportioned between lectures, demonstrations, and clinical instruction, as the Senatus, with the approval of the University Court, may from time to time determine.

Under this sub-section the Senate, with the approval of the University Court, has determined that each candidate for the Degree of M.B. and Ch.B. shall be required to attend a course of instruction in Mental Diseases, given by the University Lecturer or by a recognised teacher, consisting of not less than eighteen meetings. Six of these may be class-room lectures, and the others shall be demonstrations in the wards of an asylum for the insane.

9. The candidate must have attended a course of twenty-five meetings on Practical Pharmacy in a University or recognised School of

[1] See note on p. 17.

[2] On 7th October, 1892, the University Court recognised every General Hospital in the United Kingdom which accommodates not fewer than eighty patients, *and possesses a distinct staff of physicians and surgeons.*

Medicine, or have dispensed drugs for a period of three months in an hospital or dispensary, or in an establishment recognised by the Pharmaceutical Society, *i.e.* in *the establishment of any chemist and druggist or pharmaceutical chemist of Great Britain, or any pharmaceutical chemist of Ireland, who is registered in the books of the Pharmaceutical Society of Great Britain or of the Pharmaceutical Society of Ireland respectively.*[1]

10. The candidate must have attended, for at least six months, by apprenticeship or otherwise, the out-practice of an hospital, or the practice of a dispensary, or of a physician or surgeon, or of a member of the London or Dublin Society of Apothecaries. He must have acted as clerk in the medical and dresser in the surgical wards of a public hospital; and must also have availed himself, to such an extent as may be required by the Senatus, with the approval of the University Court, of opportunities of studying at an hospital or dispensary *Post-mortem* Examinations, Fevers, Diseases of Children, Ophthalmology, or such other special departments as may from time to time be determined.

Under this sub-section the Senate, with the approval of the University Court, has determined as follows:—

A. Each candidate for M. B. and Ch. B. shall be required to attend—

1. Demonstrations in the *post-mortem* room of a recognised hospital, with practical instruction in making *post-mortem* examinations. The student must have attended during his curriculum at least twenty examinations.

2. A course of clinical instruction in Fevers, consisting of at least ten meetings in a hospital for infectious diseases containing not less than fifty beds.

3. A practical course of instruction in Ophthalmology of not less than twenty meetings. Six of these may be class-room lectures, and the others shall be for clinical instruction in the wards of a recognised hospital,[2] or in the wards of a hospital and in a dispensary both recognised for the purpose. The course shall include sufficient practical instruction in the methods of examining the eye.

B. Each candidate is also recommended to attend the following:—(*a*) Diseases of Children, (*b*) Diseases of the Ear, (*c*) Diseases of the Throat and Nose, and (*d*) Diseases of the Skin, in short practical courses of ten meetings.

N. B.—This is not to be understood as preventing a teacher in any speciality giving a fuller course to such students as may desire to follow out more fully any particular branch.

[1] The explanatory words in italics are taken from Ordinance No. 54, Section II., issued by the Universities Commission on 18th July, 1894, which came into operation on 11th May, 1895, having been on that date approved by Her Majesty in Council.

[2] This means a hospital recognised *ad hoc*, after application to the University Court in each case.

11. The candidate must have attended, under the superintendence of a registered medical practitioner, twelve[1] cases of labour, or such additional number as the Senatus, with the sanction of the University Court, may from time to time determine; or have attended for three months the practice of a lying-in hospital, or of the maternity department of a general hospital or other public charitable institution, and have conducted personally six, or such an additional number of cases of labour as the Senatus, with the approval of the University Court, may from time to time determine.

12. The candidate must have been properly instructed in Vaccination at a Public Vaccination Station, by a Public Vaccinator, authorised by the proper Government Authority to grant Certificates of Proficiency in Vaccination.[2]

13. No candidate for a degree shall be deemed to have attended a class as part of the curriculum necessary for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

VIII. With respect to the places and institutions at which the studies of the candidate may be prosecuted, the following regulations shall have effect:

1. Two of the five years of medical study must be spent in the University of Glasgow, each year of study including always the attendances specified in Section VII., sub-section 2.

2. The remaining three years may be spent in any University of the United Kingdom, or in any Indian, Colonial, or Foreign University recognised for the purpose by the University Court, or in such medical schools or under such teachers as may be recognised for the purpose by the University Court, each year of study during the first four years including always the attendances specified in Section VII., sub-section 2.

3. Of the subjects of study specified in Section VII., sub-section 4, not less than eight must be taken in the University of Glasgow, or (subject always to the provisions as to attendance contained in the immediately preceding sub-sections) in some other University of the United Kingdom, or in some Foreign or Colonial University entitled to confer the Degree of Doctor of Medicine recognised for the purpose by the University Court, or in a College incorporated with, or affiliated to a University entitled to confer the Degree of Doctor of Medicine recognised for the purpose by the University Court: Provided always that where in any of said subjects of study two or more courses are required, the

[1] The Senatus, with the sanction, on 11th June, 1908, of the University Court, determined to substitute the word "twenty" for the word "twelve." Of the twenty cases twelve at least must be attended independently. [This applies to students who began their medical studies on or after 1st October, 1908.]

[2] The recognised Vaccine Departments in Glasgow are—Western Infirmary and Royal Infirmary.

taking of one of those courses shall constitute a taking of the subject for the purpose of this sub-section.

4. The remainder of such subjects of study may (subject always as aforesaid) be taken in such medical schools or under such teachers as may be recognised for the purpose by the University Court.

5. All candidates, not Matriculated Students of the University, availing themselves of the permission to attend the Lectures of Extra-Academical Teachers in Glasgow, must, at the commencement of each year of such attendance, enrol their names in a book to be kept in the University for that purpose, paying a fee of the same amount as the Matriculation Fee paid by students of the University, and having, in respect of such payment, a right to the use of the Library of the University.

6. The fee for attendance, for purposes of graduation, on the courses of instruction of recognised Extra-Academical Teachers in Glasgow shall be not less than the amount exigible for the corresponding courses in the University.

7. The University Court shall not recognise as qualifying for examination in any of the subjects specified in Section VII., sub-section 4, the class of any teacher who is at the time a teacher of more than one of the said subjects, except in those cases where Professors in the University are at liberty to teach two subjects: Provided always that a Professor or other teacher in any endowed public College or institution, who by the terms of his appointment is required to teach more than one subject of medical study therein, may be recognised under sub-section 2 of this section, as a teacher of any one of the subjects which he teaches.

8. A teacher, attendance on whose course of instruction shall, before the date of the approval of this ordinance by Her Majesty in Council, have been recognised for the purposes of graduatiou in the University, shall not require to obtain a new recognition from the University Court; and attendance on the course of instruction of every such teacher may continue to be recognised as heretofore.

9. It shall be in the power of the University Court, if it shall see cause, at any time to withdraw or suspeud any recognition which it may have granted.

IX. In the University of Glasgow it shall be the duty of the Professors of the subjects specified in Section VII., sub-section 4 hereof (except Practical Anatomy and such other subjects as the Senatus, with the approval of the University Court, may from time to time determine), so to conduct the courses that Students may receive instruction sufficient for graduation in any one of the said subjects by attendance on one course of five or six months, or of two and a half or three months, as the case may be.[1]

[1] Doubt being entertained as to the construction of this Section, the question was submitted to the Universities Commissioners, and evoked from them the following deliverance:—

It is not intended to require of the Professor a complete course of instruction by

X. If any candidate shall, before presenting himself for his Preliminary Examination, have attended in any University of the United Kingdom, or in any University or Institution specially approved, or under any Teacher specially recognised for the purpose by the University Court, a course or courses of instruction in Physics, Chemistry, Botany, or Zoology, equivalent in the judgment of the Senatus to the qualifying course in the same subject in the University of Glasgow, such attendance shall (notwithstanding anything hereinbefore ordained) be held as entitling him to be examined in these subjects; and if the candidate shall have attended such course or courses in each of the said subjects, he shall be held to have completed his first year of Medical Study: Provided always that the evidence of such attendance at such equivalent course or courses shall be presented to the Senatus at the time when the candidate presents himself for his Preliminary Examination; and the Senatus shall, if satisfied, grant a certificate to that effect: Provided also that *the provisions of this section shall not have effect except where the University Court shall allow their application after a report by the Senatus Academicus, setting forth special grounds therefor in the case of any candidate named in the report.*[1]

Professional Examination for the Degrees of Bachelor of Medicine and Bachelor of Surgery.[2]

XI. Each candidate shall be examined both in writing and orally, and also clinically where the nature of the subject admits, in the following divisions, viz.:—*First*, in Botany, Zoology, Physics, and Chemistry; *Second*, in Anatomy, Physiology, and Materia Medica and Therapeutics; *Third*, in Pathology, and Medical Jurisprudence and Public Health; *Fourth*, in Surgery and Clinical Surgery, Practice of Medicine and Clinical Medicine, and Midwifery.

In subjects which admit of practical instruction, the examination shall be such as to test the practical acquirements of the candidate.

Provided always that if a candidate have obtained in a University of the United Kingdom, or other University specially recognised for the purpose by the University Court, a degree in Science or in Arts, granted in either case after a course of study and an examination in Botany, Zoology, Physics, and Chemistry, he shall be held to have passed his examinations in the said subjects.

Provided also that *if a candidate have completed in a University of the*

lectures during each session, or to limit the examinations for degrees to subjects which shall be discussed in the lectures of the Professor at the time that the student attended the course. The word "instruction," as used in this Section, is to be held to include lectures upon such parts of the subject as the Professor may be able to overtake, supplemented by directions as to the use of text-books or other sources of information for the remainder of the subject: and it is also intended that the examinations may be taken over the whole field, even when the Professor has not been able to include it all in his course of lectures.

[1] The proviso in italics is taken from Ordinance No. 54, Section V., issued by the Universities Commission on 18th July, 1894, which came into operation on 11th May, 1895, having been on that date approved by Her Majesty in Council.

[2] For Table of Fees and Dates of Examinations, see page 30.

United Kingdom a course of study and passed an examination in Botany, Zoology, Physics, or Chemistry qualifying for a degree in Science or in Arts, he shall be held to have passed the examinations in such subject or subjects.

If a candidate have obtained a degree in Science or in Arts in any University other than a University of the United Kingdom, granted in either case after a course of study and an examination in Botany, Zoology, Physics, or Chemistry, it shall be in the power of the University Court to exempt such candidate from the examinations in such subject or subjects: Provided that the course of study and the standard of examination in each case are satisfactory in the judgment of the Senatus Academicus.[1]

XII. Candidates who profess themselves ready to submit to an examination in the subjects comprised in the first division, viz.:—Botany, Zoology, Physics, and Chemistry, may be admitted to examination in all or any two of these subjects at any examination held after they have attended a full course in each of the subjects professed.

XIII. Candidates who have passed their examination in the subjects comprised in the first division may be admitted to examination in the second division at the end of the third winter session.

Provided that candidates who so desire may postpone their examination in Materia Medica and Therapeutics until the close of the summer session following.

XIV. Candidates who have passed their examinations in the subjects comprised in the first and second divisions may be admitted to examination in the third division at the end of the fourth winter session.

Provided that candidates who so desire may postpone their examination in Medical Jurisprudence and Public Health until the close of the summer session following.

XV. Candidates who have passed their examinations in the subjects comprised in the first, second, and third divisions may be admitted to examination in the fourth or final division when they have completed the fifth year of study.

XVI. If any candidate at these examinations be found unqualified in one or more subjects he shall not again be admitted to examination unless he has pursued his medical studies for such time, and subject to such conditions, as the Faculty of Medicine may prescribe.

Under this section the Faculty of Medicine, with the sanction of the Senate, has laid down the following rule: No student, who in the Final Professional Examination has been found unqualified in any subject, shall be re-admitted to examination without furnishing evidence of having further studied that subject for such a period as the Examiners may fix.

XVII. If any candidate at these examinations be found to have passed in one or more subjects with sufficient merit, he shall not be liable to

[1] The words in italics are taken from Ordinance No. 54, Sections III. and IV., issued by the Universities Commission on 18th July, 1894, which came into operation on 11th May, 1895, having been on that date approved by Her Majesty in Council.

re-examination in such subject or subjects, although he may have been found unqualified in a subject or subjects comprised in the same division as hereinbefore specified.

XVIII. Every candidate must deliver, on or before such day as the Senatus may from time to time determine, to the Dean of the Faculty of Medicine, a declaration, in his own handwriting, that he has completed his twenty-first year, or that he will have completed it on or before the day of graduation, and that he will not be, on the day of graduation, under articles of apprenticeship to any surgeon or other master.

XIX. After the candidate has satisfied the Examiners, the Dean of the Faculty of Medicine shall lay the proceedings before the Senatus, by whose authority the candidate shall be admitted, on such day as the Senatus may from time to time appoint, to the Degrees of Bachelor of Medicine and Bachelor of Surgery, on payment of the required fees.[1]

XX. Candidates for graduation shall produce evidence of their having conformed to the regulations which were in force at the time they commenced their medical studies: Provided that any student who began his medical studies before 1st January, 1892, shall be entitled to graduate under the system in force before or after that date, according as he shall comply with the regulations in force in the University before[2] or after that date.

Professional Examination for the Degree of Doctor of Medicine.

XXI. 1. Subject to the conditions hereinafter specified, the Degree of Doctor of Medicine shall be conferred on any candidate who has obtained the Degrees of Bachelor of Medicine and Bachelor of Surgery of the University of Glasgow, and is of the age of twenty-four years or upwards, and has produced a certificate of having been engaged subsequently to having received the Degrees of Bachelor of Medicine and Bachelor of Surgery for at least one year in attendance in the Medical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Military or Naval Medical Services, or for at least two years in Practice other than Practice restricted to Surgery.

2. Each candidate for the Degree of Doctor of Medicine shall be required to pass an examination in Clinical Medicine and in such of its special departments as the Senatus, with the approval of the University Court, by Regulations framed from time to time, shall determine; and he may present himself for examination in Clinical Medicine at any period of examination subsequent to one year after he has received the Degrees of Bachelor of Medicine and Bachelor of Surgery.

[1] For Table of Fees and Dates of Examination, see page 30.

[2] These regulations may be found at pp. 188—192 of the *University Calendar* for session 1895-96, and in the *Calendars* for preceding sessions.

Under this sub-section the following regulations have been framed by the Senatus, and approved by the University Court :—The Examination in Clinical Medicine for the Degree of Doctor of Medicine shall for each candidate consist of a written Report and Commentary, with any oral questions that may be considered desirable, upon at least three Medical cases. In the selection of the cases, special regard shall be given to the opportunities they afford for testing the candidate, not only in the ordinary methods of clinical investigation, but also in the more advanced methods requiring practical knowledge in the applications of the ophthalmoscope and laryngoscope, in the chemical and microscopical examination of excreta, the quantitative determination and microscopic characters of the chief constituents of blood possessing clinical importance, the recording by instruments of the condition of the circulation, the applications of electricity, etc.

Provided always that one of the cases on which a candidate is examined may, if the candidate on entering his name for the Examination declare a wish to that effect, be from one of the following departments, namely, Diseases of Women, Diseases of Children, Mental Diseases, Zymotic Diseases, Diseases of the Eye, Diseases of the Throat, Diseases of the Ear, Diseases of the Skin. Should the candidate specialise in one of these departments he will be expected to show high proficiency in it.

The examinations for M.D. will be held in the month of October, each Session. Candidates must enter their names and lodge their Theses with the Registrar, the University, on or before 1st June.

3. Each candidate for the Degree of Doctor of Medicine shall submit for the approval of the Faculty of Medicine a Thesis on any branch of knowledge comprised in the second, third, or fourth examinations for the Degrees of Bachelor of Medicine and Bachelor of Surgery, which he may have made a subject of study after having received those Degrees, excepting subjects which are exclusively Surgical ; and the Thesis, accompanied by a declaration signed by the candidate, that the work has been done and the Thesis composed by himself,[1] shall be lodged with the Dean of the Faculty of Medicine (at the Registrar's Office) on or before a date to be fixed by the Senatus (1st June).

4. A Bachelor of Medicine and Bachelor of Surgery, who produces to the Senatus satisfactory evidence of his intention of entering within twelve months after obtaining such degrees on the

[1] The Faculty of Medicine give notice that no Thesis will be approved unless it gives evidence of original observation, or, if it deal with the researches of others, gives a full statement of the literature of the question, with accurate references and critical investigation of the views or facts cited: mere compilations will in no case be accepted.

The Senate, on 3rd June, 1909, resolved as follows :—In future a Thesis to be eligible as a Thesis for the Degree of M.D. shall be a dissertation written for the purpose, provided that the results of original observations already published in medical or scientific journals or in the transactions of learned societies or otherwise may be accepted in place of such a dissertation ; as heretofore, the Thesis as submitted shall become the property of the University, and shall be deposited in the University Library.

practice of his profession in a British Possession or Colony, or in a foreign Country, may, under Regulations to be framed by the Senatus, be admitted to the examination in Clinical Medicine at any period of examination after he has received such degrees; but the Degree of Doctor of Medicine shall not be conferred on him unless he shall produce a certificate that, subsequently to having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, he has been engaged for at least one year in attendance in the Medical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Naval or Military Medical Services, or for at least two years in Practice which has not been exclusively surgical, and unless his Thesis in the judgment of the Faculty of Medicine is of exceptional merit.

Bachelors of Medicine and Masters of Surgery of the University of Glasgow, who have graduated under the regulations in force before the fifth day of August, 1892, *may proceed to the Degree of Doctor of Medicine under the provisions of this section, in the same manner as if they held the Degree of Bachelor of Surgery.*[1]

PROFESSIONAL EXAMINATION FOR DEGREE OF MASTER OF SURGERY.

XXII. 1. Subject to the conditions hereinafter specified the Degree of Master of Surgery shall be conferred on any candidate who has obtained the Degrees of Bachelor of Medicine and Bachelor of Surgery of the University of Glasgow, and is of the age of twenty-four years or upwards, and has produced a certificate of having been engaged, subsequently to his having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, for at least one year in attendance in the Surgical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Military or Naval Medical Services, or for at least two years in practice other than practice restricted to Medicine.

2. Each candidate for the Degree of Master of Surgery shall be required to pass an examination in the following subjects:—Surgical Anatomy, Operations upon the dead body, and Clinical Surgery, and in such of the special departments of Clinical Surgery as the Senatus, with the approval of the University Court, by Regulations framed from time to time, may determine; and he may present himself for examination in these subjects at any period of examination subsequent to one year after he has received the Degrees of Bachelor of Medicine and Bachelor of Surgery.

Under this sub-section the following regulations have been framed by the Senatus, and approved by the University Court:—The Examination in Clinical Surgery for the Degree of Master of Surgery shall for each candidate consist of a written Report and

[1] Taken from Ordinance No. 54, Section VI., which was issued by the Universities Commissioners on 18th July, 1894, and came into operation on 11th May, 1895, having on that date been approved by Her Majesty in Council.

Commentary, with any oral questions that may be considered desirable on at least three Surgical cases.

Provided that one of the three Surgical cases on which a candidate is examined shall, if the candidate on entering his name for the Examination declare a wish to that effect, be from one of the following departments, namely, Surgical Diseases of Women, Diseases of the Throat, Diseases of the Eye, Diseases of the Ear. Should the candidate specialise in one of these departments he will be expected to show high proficiency in it.

The examinations for Ch.M. will be held in the month of October, each Session. Candidates must enter their names and lodge their Theses with the Registrar, The University, on or before 1st June.

3. Each candidate for the Degree of Master of Surgery shall submit for the approval of the Faculty of Medicine a Thesis on any branch of knowledge comprised in the second, third, or fourth Examinations for the Degrees of Bachelor of Medicine and Bachelor of Surgery, which he may have made a subject of study after having received those Degrees, excepting subjects that are exclusively medical; and the Thesis, accompanied by a declaration signed by the candidate that the work has been done and the Thesis composed by himself,[1] shall be lodged with the Dean of the Faculty of Medicine (at the Registrar's Office) on or before a date to be fixed by the Senatus (1st June).

4. A Bachelor of Medicine and Bachelor of Surgery who produces to the Senatus satisfactory evidence of his intention of entering, within twelve months after obtaining such degrees, on the practice of his profession in a British Possession or Colony, or in a foreign Country, may, under Regulations to be framed by the Senatus, be admitted to examination in the subjects specified in Sub-section 2 of this section, at any period of examination after he has received such degrees; but the Degree of Master of Surgery shall not be conferred on him unless he shall produce a certificate that, subsequently to having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, he has been engaged for at least one year in attendance in the Surgical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Naval or Military Medical Services, or for at least two years in Practice which has not been exclusively medical, and unless his Thesis, in the judgment of the Faculty of Medicine, is of exceptional merit.

Fees.

XXIII. The fee to be paid for the Degrees of Bachelor of Medicine and Bachelor of Surgery shall be twenty-two guineas, and the proportion of this sum to be paid by a candidate at each division of the

[1] See footnote on page 25.

examination shall be regulated from time to time by the University Court. The fee to be paid for the Degree of Doctor of Medicine shall be ten guineas, exclusive of any stamp duty which for the time may be exigible. The fee to be paid for the Degree of Master of Surgery shall be ten guineas.

Examiners.

XXIV. The Examiners for graduation in Medicine in the University of Glasgow shall be the Professors in that University, together with such Lecturers in the University and such additional Examiners, to be appointed by the University Court, as the University Court shall deem necessary: Provided that the Court shall make such provisions as will ensure that every candidate shall be examined in each subject by at least two Examiners, of whom one shall not be a Professor or Lecturer in the University. The examinations shall be conducted in writing and orally and also clinically, when the nature of the subject admits, under regulations framed by the Senatus subject to the approval of the University Court.

Distinctions attainable by Students and Graduates of Medicine.

Candidates who have shown special merit in any subject or subjects at any of the Professional Examinations will be announced as having passed in such subject or subjects "with distinction."

Candidates who have shown special merit as indicated by the aggregate results of the four Professional Examinations will be announced, at the time of Graduation, as having obtained Commendation or Honours, according to the degree of excellence.

In connection with the Higher Degrees in Medicine and Surgery three grades of distinction are also awarded, viz., Commendation, High Commendation, and Honours. The Bellahouston Trustees have put it in the power of the University to award three Gold Medals yearly to those who, having gained Honours, are pronounced by the Senate on the Report of the Faculty of Medicine worthy of this highest distinction for the excellence of their Theses.

For Straits Settlements Gold Medal, see under Prizes, *University Calendar.*

Graduates in Medicine or Surgery to whom Honours are awarded for their Theses are requested to publish these Theses in Journals or otherwise, and to supply copies to the University for exchange with other Universities.

Graduation.

Candidates proceeding to graduation, if not already Members of the General Council of the University, are required by the Act 44 and 45 Vict., ch. 40, to pay to the Registrar of the General Council

the Registration Fee, and furnish to him the particulars required for their enrolment in the General Council.

In accordance with the Promissory Oaths Act, 1868, a Declaration in the following English form is now substituted for the Latin Oath[1] formerly required to be taken and subscribed by every candidate on graduation :—

I do solemnly and sincerely declare, that, as a Graduate in Medicine of the University of Glasgow, I will exercise the several parts of my profession, to the best of my knowledge and abilities, for the good, safety, and welfare of all persons committing themselves, or committed to my care and direction ; and that I will not knowingly or intentionally do anything or administer anything to them to their hurt or prejudice, for any consideration, or from any motive whatever. And I further declare, that I will keep silence as to anything I have seen or heard while visiting the sick which it would be improper to divulge.

And I make this solemn declaration in virtue of the Provisions of the Promissory Oaths Act, 1868, substituting a Declaration for Oaths in certain cases.

Registration of Medical Practitioners.

Graduates should register as soon as possible with the Branch Registrar for Scotland, at 54 George Square, Edinburgh. Fee £5 2s. Additional qualifications, £1 each.

[1] *The Oath was in these words*:—Testor Deum omnipotentem me hoc Iusjurandum pro virili servaturum ; Victus rationem aegris commodam et salutarem praescripturum : nullius intercessione nec sponte noxium pharmacum cuiquam propinaturum ; sed sancte et caste vitam artemque meam instituturum ; In quascunque domos intravero ad aegrotantium duntaxat salutem ingressurum et ab omni injuria inferenda procul futurum : Quaecunque inter curandum videro audiverove siquidem ea efferre non expediat silentio suppressurum.

TABLE OF EXAMINATIONS FOR DEGREES IN MEDICINE TO BE HELD DURING SESSION 1911-12.

Fees.	Names to be given in and Fees paid to the Registrar, The University,[1] Date.[2]	Subjects of Examination.	Dates of Written Examinations and Hours at which the different Papers will be set. Printed Schedules with detailed instructions for filling up may be obtained from the Registrar, The University.[1]	
			September—October, 1911.	March, 1912.
Under the Old Regulations the Fee for each Professional Examination is £5 5s.; under the New, the Fees are—First, £6 6s.; Second, £6 6s.; Third, £5 5s.; Fourth, £5 5s.	25th Aug., 1911 or 16th Feb., 1912	Practice of Medicine, -	Monday, 25th Sept., 10—12 noon.	Friday, 22nd March, 10—12 noon.
		Surgery, - - -	Do., do., 2—4 p.m.	Do., do., 2—4 p.m.
		Midwifery, - - -	Tuesday, 26th Sept., 10—12 noon.	Sat., 23rd Mar., 10—12 noon.
	1st Sept., 1911 or 4th Mar., 1912.	Botany, - - - -	Monday, 2nd Oct., 9—11 a.m.	Tues., 26th Mar., 9—11 a.m.
		Materia Medica, - -	Do., do., 9—11 a.m.	Mon., 25th Mar., 9—11 a.m.
		Chemistry, - - -	Do., do., 2—4 p.m.	Do., do., 2—4 p.m.
		Zoology, - - -	Tuesday, 3rd Oct., 9—11 a.m.	Do., do., 9—11 a.m.
		Anatomy, - - -	Do., do., 9—11 a.m.	Tues., 26th Mar., 9—11 a.m.
		Physics, - - -	Do., do., 12—2 p.m.	Do., do., 12—2 p.m.
		Physiology, - - -	Do., do., 12—2 p.m.	Do., do., 12—2 p.m.
		Pathology, - - -	Do., do., 12—2 p.m.	Do., do., 12—2 p.m.
		Medical Jurisprudence, -	Wed., 4th Oct., 9—11 a.m.	Wed., 27th Mar., 9—11 a.m.
		Public Health, - -	Do., do., 12—2 p.m.	Do., do., 12—2 p.m.

[1] For Women Students, Miss Melville, Queen Margaret College.

[2] When names are not given in and fees are not paid on or before the stated dates, a late Entry Fee of Twenty Shillings must be paid before the candidate can be enrolled for examination. A candidate is not held to be enrolled for examination until his name is entered, the fee paid, and all the necessary Certificates, etc., lodged. Late Entry Fees will not be accepted less than eight days before the date of examination. Every candidate must matriculate at the University for the session in which he enters for professional examination or for graduation.

For Dates in regard to Medical Preliminary Examination, see pp. 47, 48.

NEW MEDICAL ORDINANCE.

The provisions of University Court Ordinance No. XXXI., Glasgow No. 9 [Regulations for Degrees in Medicine], which was approved by His Majesty in Council on 25th May, 1911, and comes into operation on 1st October, 1911, are as follow:[1]

Degrees and Diplomas in Medicine and Surgery.

I. Four Degrees in Medicine and Surgery shall be conferred by the University of Glasgow, namely, Bachelor of Medicine (M.B.), Bachelor of Surgery (Ch.B.), Doctor of Medicine (M.D.), and Master of Surgery (Ch.M.). The Degree of Bachelor of Surgery shall not be conferred on any person who does not at the same time obtain the Degree of Bachelor of Medicine, and the Degree of Bachelor of Medicine shall not be conferred on any person who does not at the same time obtain the Degree of Bachelor of Surgery.

II. Subject to Regulations to be made from time to time by the University Court, on the recommendation of or after consultation with the Senatus, the University may confer Diplomas in Special Branches of Medical and Surgical Practice on graduates in Medicine and Surgery of the University of Glasgow, and also on other legally qualified medical practitioners who shall have pursued a prescribed course of study in the University.

Academical Year.

III. The academical year shall commence on the first day of October. In each academical year there shall be one medical session, which shall include not less than thirty teaching weeks. The medical session shall be divided into three terms, each including about ten teaching weeks. Two such terms shall for the purpose of reckoning the duration of Medical study be deemed the equivalent of one winter session, and one such term shall be deemed the equivalent of one summer session. The days on which courses of instruction shall open and close in each term shall be determined by the Senatus, with the approval of the University Court.

Preliminary Examination.

IV. Before commencing his course of Medical study, each student shall pass a Preliminary Examination in (1) English, (2) Latin, (3) Mathematics, and (4) an Additional Language, namely, Greek, French, German, Italian, or such other language as the Senatus may approve: Provided always that, in the case of a student whose native language is other than English, an examination in any other classical language, for example, Sanskrit or Arabic, may be substituted for an examination in Latin, and an examination in the student's native language may be substituted for an examination in the Additional Language.

[1] The Rules, Conditions, etc., made by the Senate and approved by the University Court, marked ***, have been inserted after the various Sections to which they are related.

V. The extent and standard of the Preliminary Examination shall be determined by the Joint-Board of Examiners constituted under Ordinance No. 13, General No. 8 [Regulations as to Examinations] in accordance with the terms of that Ordinance.

VI. The Preliminary Examination shall be conducted in accordance with the provisions of Ordinance No. 13, General No. 8 [Regulations as to Examinations]; and subject to the provisions of the immediately succeeding Section hereof, a student shall be obliged to pass in all the required subjects at one or not more than two examinations; provided that he may offer himself for re-examination as often as may be necessary to satisfy this condition.

VII. A Degree in Arts or in Science (not being a Degree *honoris causâ tantum*) in any of the Universities of the United Kingdom, or in any Indian, Colonial, or Foreign University specially recognised for the purpose by the University Court, shall exempt from the Preliminary Examination; and the Joint-Board of Examiners appointed under the provisions of Ordinance No. 13, General No. 8 [Regulations as to Examinations] shall have power to determine what examinations, other than those for the Degrees hereinbefore mentioned, shall be accepted, either in whole or in part, in place of the Preliminary Examination.

Professional Education for the Degrees of Bachelor of Medicine and Bachelor of Surgery.

VIII. Candidates shall be admitted to the Degrees of Bachelor of Medicine and Bachelor of Surgery only after they have fulfilled the following conditions with reference to Medical study:

1. The candidate must have pursued Medical study for not less than five years by attending courses of instruction in the subjects of the Curriculum during not less than fifteen terms.

2. During each of twelve terms preceding the fifth or final year the candidate must have attended one or more of the prescribed courses of instruction in the subjects of the Curriculum.

3. During the fifth or final year of his Curriculum the candidate must have pursued Clinical study for at least nine months or three terms at one or more of such Public Hospitals or Dispensaries, British or Foreign, as may be recognised for the purpose by the University Court, after consultation with the Senatus.

4. The candidate must, during his Curriculum, have attended a course or courses of instruction in each of the following subjects of study, extending over not less than the number of terms specified in each case, and including such class examinations as may be prescribed in connexion with the several courses:

1.	Chemistry (including Organic Chemistry), - -	2 terms.
	with Practical Chemistry, - - - -	1 term.
2.	Physics (with practical work), - - - -	1 term.
3.	Botany (with practical work), - - - -	1 term.
4.	Zoology (with practical work), - - - -	1 term.
5.	Anatomy and Practical Anatomy, - - -	5 terms.
6.	Physiology and Practical Physiology, - -	3 terms.
7.	Materia Medica and Therapeutics (together or separately), - - - - each subject,	1 term.
8.	Pathology and Practical Pathology, - - -	3 terms.
9.	Medical Jurisprudence and Public Health (together or separately), each subject,	1 term.
10.	Midwifery and Diseases peculiar to Women and to Infants, - - - - - - -	2 terms.
11.	Surgery, - - - - - - - -	2 terms.
12.	Medicine, - - - - - - - -	2 terms.

Provided always that—

(*a*) The Senatus, with the approval of the University Court, shall have power, after receiving through the Faculty of Medicine the opinion of the Board of Studies, to determine from time to time the number of meetings of which such courses shall consist, the cases in which two half-courses shall be deemed equivalent to a full course, and the cases in which the subjects of such courses may be subdivided or combined for the purposes of study.

(*b*) It shall be the duty of each of the Professors and Lecturers to submit to the Board of Studies annually before the end of the second term of the medical session a scheme specifying what proportion of the courses shall be devoted to lectures, practical work, examinations, and tutorial instruction respectively. The Board of Studies shall transmit the schemes to the Faculty of Medicine, who shall submit them to the Senatus, with such observations as the Faculty may think fit to make thereon. The Senatus shall transmit such schemes, with such observations and recommendations as it may think fit to make thereon, to the University Court for its approval.

(*c*) The University Court shall have power, by Regulations made from time to time, on the recommendation of or after consultation with the Senatus, to increase the number of terms over which a course of instruction in any subject of study shall extend, or to introduce into the Curriculum additional subjects of study, or to extend the duration of the Curriculum beyond the period of fifteen terms. The University Court shall communicate to the General Council all Regulations proposed to be so made; and any representations made thereon by the General Council within two months from the date of such communication shall be taken into consideration by the University Court before any such Regulation is made.

5. The candidate must have attended for at least three years or nine terms the Medical and Surgical Practice of a General Hospital in Glasgow or elsewhere, which accommodates not fewer than eighty patients, and possesses distinct staffs of Physicians and Surgeons, and is recognised for the purpose by the University Court, after consultation with the Senatus.

6. The candidate must have attended, in a General Hospital defined and recognised as hereinbefore provided, a course or courses of instruction in Clinical Surgery extending over nine months or three terms, or over such longer period as may from time to time be determined by the Senatus, with the approval of the University Court. These courses may be conducted by a Professor of Surgery, or by other Professors or Lecturers appointed for the purpose by the University Court, or by the Ordinary Surgeons of the Hospital, and shall consist of regular instruction at the bedside, together with Clinical Lectures or Demonstrations.

   The University Court, after consultation with the Senatus, shall have power to prescribe, as a condition of recognition of any General Hospital in Glasgow where courses of instruction in Clinical Surgery qualifying for graduation are conducted, that the number of students attending a class for regular instruction at the bedside shall not exceed a specified limit.

7. The candidate must have attended, in a General Hospital defined and recognised as hereinbefore provided, a course or courses of instruction in Clinical Medicine extending over nine months or three terms, or over such longer period as may from time to time be determined by the Senatus, with the approval of the University Court. These courses may be conducted by a Professor of Medicine, or by other Professors or Lecturers appointed for the purpose by the University Court, or by the Ordinary Physicians of the Hospital, and shall consist of regular instruction at the bedside, together with Clinical Lectures or Demonstrations.

   The University Court, after consultation with the Senatus, shall have power to prescribe, as a condition of recognition of any General Hospital in Glasgow where courses of instruction in Clinical Medicine qualifying for graduation are conducted, that the number of students attending a class for regular instruction at the bedside shall not exceed a specified limit.

8. The candidate must have attended a course of instruction in Mental Diseases of such duration, and so apportioned between lectures, demonstrations, and clinical instruction, as the Senatus, with the approval of the University Court, may from time to time prescribe.

   *** The course of instruction in Mental Diseases shall be given by a University Lecturer or by a recognised Teacher, and shall include not less than eighteen meetings of the class. Of these six may be for class-room lectures, and the remainder for demonstrations in the wards of an asylum for the insane.

9. The candidate must have attended a course of instruction in Practical Pharmacy, consisting of not less than twenty-five meetings, at a University or recognised Medical School, or have dispensed drugs for a period of three months in a Public Hospital or Dispensary, or in the establishment of any chemist and druggist or pharmacist or pharmaceutical chemist of Great Britain or any pharmaceutical chemist of Ireland who is registered in the books of the Pharmaceutical Society of Great Britain or of the Pharmaceutical Society of Ireland respectively.

10. The candidate must, under such conditions as the Senatus, with the approval of the University Court, may from time to time prescribe, have attended during six months or two terms the out-patient practice of a Public Hospital or Dispensary, and have acted during six months or two terms as Clinical Clerk in the Medical department and during six months or two terms as Clinical Clerk or Dresser in the Surgical department of a Public Hospital: Provided always that the Senatus, with the approval of the University Court, shall have power to extend any of the periods herein prescribed.

11. The candidate must have received at a Public Hospital or Dispensary, to such an extent and under such conditions as the Senatus, with the approval of the University Court, may from time to time prescribe, practical instruction in *post-mortem* Examinations, Infectious Diseases, Gynæcology, Diseases of Children, Ophthalmology, Diseases of the Ear and Throat, Dermatology, or such other special departments as may from time to time be determined by the same authority.

*** Courses of practical instruction in the following departments have been prescribed:

1. Demonstrations in the *post-mortem* room of a recognised hospital, with practical instruction in the method of making *post-mortem* examinations. Attendance at not less than twenty *post-mortem* examinations is required.

2. A course of clinical instruction in Fevers and other Infectious Diseases, including at least ten meetings of the class, at a hospital for infectious diseases containing not less than fifty beds.

3. Courses of practical instruction in Gynæcology, in Diseases of Children, and in Diseases of the Ear and Throat, including at least twenty meetings of the class, each meeting being for clinical and practical demonstrations. Where Diseases of the Ear and Diseases of the Throat are taught in separate courses, each separate course shall include at least ten meetings of the class.

4. A course of practical instruction in Ophthalmology, including at least twenty meetings of the class. Of these, six may be for class-room lectures, and the remainder for clinical demonstrations in the wards of a hospital recognised for the purpose, or partly in the wards of a hospital and partly in a dispensary, both recognised for the purpose.

5. A course of practical instruction in Dermatology, including at least ten meetings of the class, each meeting being for clinical and practical demonstrations.

12. The candidate must have conducted twenty cases of labour, under such conditions as the Senatus, with the approval of the University Court, may from time to time prescribe.

*** In accordance with the rules of the General Medical Council the following conditions are prescribed :

1. The candidate must previously have held the offices of Clinical Medical Clerk and Surgical Dresser, and have attended a course of lectures on Surgery and on Midwifery.

2. The candidate must *either*—

(*a*) Have regularly attended the indoor practice of a Lying-in Hospital, or the lying-in wards of a General Hospital, for a period of three months; and after having received therein practical instruction in the conduct of labour, under the personal supervision of a Medical Officer, have conducted twenty cases of labour under official medical supervision ; *or*

(*b*) Have conducted not less than twenty cases of labour, subject to the following conditions—

That he has, during one month, given regular daily attendance upon the indoor practice of a Lying-in Hospital, or the lying-in wards of a General Hospital or Poor-Law Infirmary having a resident Medical Officer recognised for that purpose by any of the Licensing Bodies, and that he has therein conducted cases of labour under the personal supervision of a Medical Officer of the Hospital or Infirmary, who shall, when satisfied of the candidate's competence, authorise him to conduct outdoor cases under official medical supervision.

13. The candidate must have been properly instructed in Vaccination, at a Public Vaccination Station, by a Public Vaccinator authorised by a proper Government Authority to grant Certificates of Proficiency in Vaccination.

14. The candidate must have been properly instructed in the Administration of Anæsthetics and in Operative Surgery, under such conditions as the Senatus, with the approval of the University Court, may from time to time prescribe.

*** The candidate must present a certificate from a Professor, Lecturer, or Teacher giving a course of instruction in Clinical Surgery, testifying that, after having received theoretical instruction in Anæsthetics, the candidate has acquired practical experience in their administration.

The course of instruction in Operative Surgery shall include not less than thirty hours of practical work, and shall extend over at least one month.

15. The Senatus, with the approval of the University Court, shall have power to prescribe the form of the certificate of attendance on any course of instruction, or on the practice of any Hospital or Dispensary, to be presented by the candidate; Provided always that no candidate shall be deemed to have attended a course of instruction for the purposes of graduation who does not present a certificate bearing not only that he has regularly attended the course, but also that he has duly performed the work thereof.

16. The Senatus, with the approval of the University Court, shall have power to require that the course of instruction in any of the subjects of the Curriculum shall include practical work, to prescribe the order in which the several courses of instruction shall be attended, and to limit the number of such courses that may be attended in any term or year.

*** The following rules shall be observed:

Of the courses of instruction specified in Section VIII., sub-section 4—

No. 6, Physiology and Practical Physiology, shall not be taken till after the end of the candidate's third term;

No. 7, Materia Medica and Therapeutics, and No. 8, Pathology and Practical Pathology, shall not be taken till after the end of the candidate's sixth term;

No. 9, Medical Jurisprudence and Public Health, shall not be taken till after the end of the candidate's eighth term;

No. 10, Midwifery and Diseases peculiar to Women and to Infants, No. 11, Surgery. and No. 12, Medicine, shall not be taken till after the end of the candidate's ninth term; provided that a candidate who has passed the professional examination in the subjects of the second division (Anatomy and Physiology) may take the course in No. 11, Surgery, after the end of his sixth term.

The attendance on Hospital Practice required under Section VIII., sub-section 5, and the courses of instruction in Clinical Medicine, Clinical Surgery, etc., prescribed under sub-sections 6, 7, 8, 10, 11, 12, 13, and 14, shall not be taken till after the end of the sixth term.

IX. With respect to the Places and Institutions at which Medical study may be pursued, the following Regulations shall have effect:

1. Not less than two years or six terms of Medical study must be spent in attendance at the University of Glasgow on courses of instruction in the subjects of the Curriculum.

2. Subject to the provision of Section VIII, sub-section 3, the remaining three years or nine terms of Medical study may be spent in attendance on courses of instruction in the subjects of the Curriculum at any University of the United Kingdom, or at such Indian, Colonial, or Foreign University, or at such

College incorporated with or affiliated to a University, or at such Medical Schools or under such Teachers, as may be recognised for the purpose by the University Court.

3. Of the subjects of study specified in Section VIII, sub-section 4, not less than one half the number must be studied at the University of Glasgow, or at some other University of the United Kingdom, or at a recognised Indian, Colonial, or Foreign University, or at a recognised College incorporated with or affiliated to a University.

4. Subject to the provision of sub-section 3 immediately preceding, the prescribed courses of instruction in any of the subjects of study specified in Section VIII, sub-section 4, may be attended at one or more recognised Medical Schools or under one or more recognised Teachers.

5. All candidates, not Matriculated Students of the University, attending, for the purposes of graduation in the University, the courses of instruction of recognised Extra-Academical Teachers in Glasgow, must, during each academical year in which such course or courses are attended, enrol their names in a book to be kept in the University for that purpose, paying a Fee of the same amount as the Matriculation Fee paid by Matriculated Students of the University, and having, in respect of such payment, a right to the use of the Library of the University.

6. The Fee for attendance, for the purposes of graduation, on the courses of instruction of recognised Extra-Academical Teachers in Glasgow, shall be not less than the amount exigible for the corresponding courses in the University.

7. The University Court shall not recognise as qualifying for admission to examination in any of the subjects specified in Section VIII, sub-section 4, the course of instruction of any Teacher who is at the time a Teacher of more than one of the said subjects, except in those cases where Professors in the University are at liberty to teach two subjects: Provided always that a Professor or other Teacher in any endowed public College or Institution, who by the terms of his appointment is required to teach more than one subject of Medical study therein, may be recognised under sub-section 2 of this Section as a Teacher of any one of the subjects which he teaches.

8. A Teacher, attendance on whose course of instruction shall, before the date of the approval of this Ordinance by His Majesty in Council, have been recognised for the purposes of graduation in the University, shall not require to obtain a new recognition from the University Court; and attendance on the course of instruction of every such Teacher may continue to be recognised as heretofore.

9. It shall be in the power of the University Court, if it shall see cause, at any time to withdraw or suspend any recognition which it may have granted.

10. The University Court shall not grant or continue recognition to any Institutions or Teachers unless it shall be satisfied that their courses of instruction are equivalent to the courses prescribed for gradnation in the University.

Professional Examination for the Degrees of Bachelor of Medicine and Bachelor of Surgery.

X. The Examination for the Degrees of Bachelor of Medicine and Bachelor of Surgery shall include the following subjects, arranged in the following divisions, namely: *First*, Chemistry, Physics, Botany, and Zoology; *Second*, Anatomy, and Physiology; *Third*, Materia Medica and Therapeutics, and Pathology; *Fourth*, Medical Jurisprudence and Public Health, Surgery and Clinical Surgery, Practice of Medicine and Clinical Medicine, and Midwifery and the Diseases peculiar to Women and to Infants.

No candidate shall be admitted to examination in any subject until he has attended the prescribed course of instruction in that subject, and fulfilled the prescribed conditions with reference thereto.

The examination in each subject shall be conducted both orally and in writing; and in those subjects in which practical or clinical instruction is prescribed, and in which a practical or clinical examination may suitably be held, the examination shall be such as to test the practical or clinical acquirements of the candidate. In determining the result of any practical or clinical examination the Examiners, under such conditions as the Senatus, with the approval of the University Court, may from time to time prescribe, may take account of the records of the practical or clinical work done by the candidate himself during his attendance on the prescribed course of instruction.

*** Such records of practical or clinical work shall not be taken into account unless they are certified, by the Teacher giving the course of instruction, to be the original records made by the candidate, which were submitted to and approved by the Teacher at the time the work was done.

XI. (*a*) The Senatus, with the approval of the University Court, shall have power to determine that a prescribed interval shall elapse between the time when a candidate passes the examinations in the subjects of one division and the time of his admission to examination in the subjects of a subsequent division, or that a candidate who has not passed the examinations in the subjects of one division shall be restrained from attendance on qualifying courses of instruction in any subject or subjects of a subsequent division, or that under prescribed conditions a candidate may pass the examinations in the subjects of any division singly or together, or that the examinations in the subjects of any division shall be taken in a prescribed order.

*** 1. A candidate who has not passed the examinations in two at least of the subjects of the first division shall not be allowed to attend any part of the qualifying course in Physiology, except the practical course in Histology in the third or summer term.

2. A candidate who has not passed the examinations in the subjects of the second division (Anatomy and Physiology) shall not be allowed to attend the qualifying course in Surgery till after the end of the ninth term.

3. A candidate may pass the examinations in the subjects of the first division taken singly or together, provided that, when he presents himself for the first time, he passes in at least two subjects (subject to Section XVIII.).

4. A candidate must (subject to Section XVIII.) pass the examinations in the subjects of the second division taken together.

5. A candidate may pass the examinations in the subjects of the third division taken singly or together.

6. A candidate may pass the examination in Medical Jurisprudence and Public Health separately from the examinations in the other subjects of the fourth division, but not earlier than the end of the twelfth term.

7. A candidate must (subject to Section XVIII.) pass the examinations in the other subjects—Medicine, Surgery, and Midwifery—of the fourth or final division taken together.

(*b*) The University Court shall have power, by Regulations made from time to time, on the recommendation of or after consultation with the Senatus, to alter the number of the divisions specified in Section X., to introduce additional subjects into any division, or to determine that particular subjects or parts of subjects shall for the purposes of examination be subdivided or combined or transferred from one division to another: Provided always that the final division shall in all cases include practical and clinical examinations in Medicine, Surgery, and Midwifery. The University Court shall communicate to the General Council all Regulations proposed to be so made, and any representation made thereon by the General Council within two months from the date of such communication shall be taken into consideration by the University Court before any such Regulation is made.

XII. The Senatus, with the approval of the University Court, shall have power, in the case of a candidate who at any other Scottish University has attended a qualifying course of instruction and passed the corresponding examination in any of the subjects prescribed for graduation (other than the subjects of Medicine, Surgery, and Midwifery), to determine that such examination shall be accepted as equivalent in whole or in part to the corresponding examination of the University of Glasgow: Provided always that in the judgment of the Senatus the course of instruction is equivalent to the course prescribed for graduation in the University of Glasgow, and that the standard of the examination is satisfactory.

XIII. A candidate who has attended the prescribed course or courses of instruction in any of the subjects comprised in the first division may be admitted to examination therein, at such time and under such conditions as the Senatus, with the approval of the University Court, shall determine.

In the case of a candidate who has, at any University of the United Kingdom, or at any other University specially recognised for the purpose by the University Court, completed a course of instruction and passed an examination in Chemistry, Physics, Botany, or Zoology, or in Biology (including therein Botany and Zoology), qualifying for a Degree in Science or in Arts or in Medicine, the Senatus shall have power to exempt him from passing the examination in the corresponding subject or subjects comprised in the first division: Provided always that in the judgment of the Senatus the course of instruction and the standard of examination are in each case satisfactory, and provided also that he has passed or obtained exemption from the Preliminary Examination in accordance with the provisions of this Ordinance.

XIV. A candidate who has passed the examinations in the subjects comprised in the first division may be admitted to examination in the subjects of the second division after the end of the sixth term of Medical study, or such other term as the Senatus, with the approval of the University Court, shall determine.

XV. A candidate who has passed the examinations in the subjects comprised in the second division may be admitted to examination in the subjects of the third division after the end of the ninth term of Medical study, or such other term as the Senatus, with the approval of the University Court, shall determine.

XVI. A candidate who has passed the examinations in the subjects comprised in the third division may be admitted to examination in the subjects of the fourth or final division at such time and under such conditions as the Senatus, with the approval of the University Court, shall determine: Provided always that no candidate shall be admitted to the final examinations in Medicine, Surgery, and Midwifery until the end of the fifteenth term of Medical study.

XVII. If any candidate at any of the examinations be found unqualified in a subject or subjects he may not be again admitted to the examination unless he has pursued such further study, for such time and under such conditions, as the Faculty of Medicine may prescribe.

*** A candidate who has been found unqualified in any subject of the fourth or final division shall not be readmitted to examination unless he furnishes evidence of having further studied that subject for such a period as the Faculty of Medicine, on the report of the Examiners, may prescribe.

XVIII. If any candidate at any of the examinations be found to have passed in a subject or subjects with special merit, he may be exempted from re-examination in such subject or subjects, although he may have been found unqualified in a subject or subjects included in the same examination.

XIX. Every candidate for graduation must, on or before such day as the Senatus may from time to time determine, deliver to the Clerk of the Senatus a declaration, in his own handwriting, that he has completed his twenty-first year, or that he will have completed it on or before the day of graduation.

XX. After the candidate has fulfilled the prescribed conditions and has satisfied the Examiners in the subjects of the fourth or final division of the Examination, the Dean of the Faculty of Medicine shall on behalf of the Faculty report the result to the Senatus, by whose authority the candidate shall be admitted, on such day as the Senatus may from time to time appoint, to the Degrees of Bachelor of Medicine and Bachelor of Surgery, on payment of the required fees.

XXI. Candidates for graduation shall produce evidence of their having conformed to the Regulations which were in force at the time they commenced their course of Medical study, except in so far as is provided in Section XXVII. hereof.

Professional Examination for the Degree of Doctor of Medicine.

XXII. 1. Subject to the conditions hereinafter specified, the Degree of Doctor of Medicine may be conferred on any candidate who has obtained the Degrees of Bachelor of Medicine and Bachelor of Surgery of the University of Glasgow, and is of the age of twenty-four years or upwards, and has produced a certificate showing that, after having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, he has been engaged for at least one year in attending the Medical Wards of an Hospital or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Naval, Military, Colonial, or Public Health Medical Services, or has been engaged for at least two years in Practice other than Practice restricted to Surgery.

2. Each candidate for the Degree of Doctor of Medicine shall be required to pass an examination in Clinical Medicine or in such special department of Medical Science or Practice professed by the candidate as the Senatus, on the recommendation of the Faculty of Medicine, may approve; and he may be admitted to the examination at such time, not sooner than one year after he has received the Degrees of Bachelor of Medicine and Bachelor of Surgery, as the Senatus may appoint for the purpose.

3. Each candidate for the Degree of Doctor of Medicine shall submit for the approval of the Faculty of Medicine a Thesis on any branch of knowledge, comprised in the several divisions of the Examination for the Degrees of Bachelor of Medicine and Bachelor of Surgery, which he may have made a subject of special study, excepting a subject that is exclusively surgical; and the Thesis, accompanied by a declaration signed by the candidate that the work has been done and the Thesis composed by himself,

shall be lodged with the Dean of the Faculty of Medicine[1] on or before a date to be fixed by the Senatus. The Faculty may, if it sees fit, before approving the Thesis, require the candidate to present himself for oral or other examination on the subject-matter thereof. If the Thesis is, in the judgment of the Faculty, of special merit, the Senatus may, on the recommendation of the Faculty, exempt the candidate from the whole or part of the examination prescribed in sub-section 2 of this Section.

4. A Bachelor of Medicine and Bachelor of Surgery, who produces to the Senatus satisfactory evidence of his intention of entering within twelve months after obtaining such Degrees on the practice of his profession in a British Possession or Colony, or in a Foreign Country, may, under such conditions as the Senatus may from time to time prescribe, be admitted to the examination in Clinical Medicine or in a special department of Medical Science or Practice prescribed in sub-section 2 of this Section, at such time after he has received such Degrees as the Senatus may appoint for the purpose: Provided always that in special circumstances the Senatus may, if it sees fit, on the recommendation of the Faculty of Medicine, exempt him from the whole or part of the examination; but the Degree of Doctor of Medicine shall not be conferred on him unless he shall produce a certificate showing that, after having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, he has been engaged for at least one year in attending the Medical Wards of an Hospital or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Naval, Military, Colonial, or Public Health Medical Services, or for at least two years in Practice other than Practice restricted to Surgery, and unless his Thesis in the judgment of the Faculty of Medicine is of special merit.

PROFESSIONAL EXAMINATION FOR DEGREE OF MASTER OF SURGERY.

XXIII. 1. Subject to the conditions hereinafter specified the Degree of Master of Surgery may be conferred on any candidate who has obtained the Degrees of Bachelor of Medicine and Bachelor of Surgery of the University of Glasgow, and is of the age of twenty-four years or upwards, and has produced a certificate showing that, after having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, he has been engaged for at least one year in attending the Surgical Wards of an Hospital or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Naval, Military, or Colonial Medical Services, or has been engaged for at least two years in Practice other than Practice restricted to Medicine.

2. Each candidate for the Degree of Master of Surgery shall be required to pass an examination in the following subjects: Surgical Anatomy, Operations upon the dead body, and Clinical

[1] At the Registrar's Office.

Surgery or such special department of Surgery professed by the candidate as the Senatus, on the recommendation of the Faculty of Medicine, may approve; and he may be admitted to the examination at such time, not sooner than one year after he has received the Degrees of Bachelor of Medicine and Bachelor of Surgery, as the Senatus may appoint for the purpose.

3. Each candidate for the Degree of Master of Surgery shall submit for the approval of the Faculty of Medicine a Thesis on any branch of knowledge, comprised in the several divisions of the Examination for the Degrees of Bachelor of Medicine and Bachelor of Surgery, which he may have made a subject of special study, excepting a subject that is exclusively medical; and the Thesis, accompanied by a declaration signed by the candidate that the work has been done and the Thesis composed by himself, shall be lodged with the Dean of the Faculty of Medicine[1] on or before a date to be fixed by the Senatus. The Faculty may, if it sees fit, before approving the Thesis, require the candidate to present himself for oral or other examination on the subject-matter thereof. If the Thesis is, in the judgment of the Faculty, of special merit, the Senatus may, on the recommendation of the Faculty, exempt the candidate from the whole or part of the examination prescribed in sub-section 2 of this Section.

4. A Bachelor of Medicine and Bachelor of Surgery who produces to the Senatus satisfactory evidence of his intention of entering within twelve months after obtaining such Degrees on the practice of his profession in a British Possession or Colony, or in a Foreign Country, may, under such conditions as the Senatus may from time to time prescribe, be admitted to the examination in the subjects specified in sub-section 2 of this Section, at such time after he has received such Degrees as the Senatus may appoint for the purpose: Provided always that in special circumstances the Senatus may, if it sees fit, on the recommendation of the Faculty of Medicine, exempt him from the whole or part of the examination; but the Degree of Master of Surgery shall not be conferred on him unless he shall produce a certificate showing that, after having received the degrees of Bachelor of Medicine and Bachelor of Surgery, he has been engaged for at least one year in attending the Surgical Wards of an Hospital or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Naval, Military, or Colonial Medical Services, or for at least two years in Practice other than Practice restricted to Medicine, and unless his Thesis in the judgment of the Faculty of Medicine is of special merit.

FEES.

XXIV. The fee to be paid to the University of Glasgow for the Degrees of Bachelor of Medicine and Bachelor of Surgery shall be

[1] At the Registrar's Office.

twenty-two guineas, and the proportion of this sum to be paid by a candidate at each division of the Examination shall be regulated from time to time by the University Court. The fee to be paid for the Degree of Doctor of Medicine shall be fifteen guineas. The fee to be paid for the Degree of Master of Surgery shall be fifteen guineas. The fee to be paid for a Diploma in a Special Branch of Medical or Surgical Practice shall be determined from time to time by the University Court. A candidate for any Degree in Medicine or Surgery, or for any Diploma, who has failed to pass any examination, or whose Thesis has not been approved, may before re-admission to the examination or before again submitting a Thesis for approval be required to pay such additional fee as the University Court may determine.

Examiners.

XXV. The Examiners for graduation in Medicine in the University shall be the Professors constituting the Faculty of Medicine, together with such Lecturers in the University and such additional Examiners, to be appointed by the University Court, as the University Court shall deem necessary: Provided always that the Court shall make such provision as will ensure that every candidate shall be examined in each subject by at least two Examiners, of whom one shall be an additional Examiner appointed by the University Court. The examinations shall be conducted under Regulations made from time to time by the Senatus, with the approval of the University Court.

Professor of Natural Philosophy to be a Professor in the Faculty of Medicine.

XXVI. Immediately after the words "Faculty of Medicine" in Ordinance No. 31, Section 1, sub-section 5, shall be inserted the words, "The Professor of Natural Philosophy."

Date of Coming into Operation.

XXVII. Every student who began his course of Medical study before the date when this Ordinance comes into operation shall be entitled to graduate under the system in force before or after that date, according as he shall comply with the Regulations in force in the University before or after that date.

XXVIII. From and after the date at which this Ordinance comes into operation Ordinances numbered 14, 54, 156 of the Commissioners under the Universities (Scotland) Act, 1889, are hereby revoked as regards the University of Glasgow, and any reference made in existing Ordinances applicable to the University of Glasgow to the Ordinances so revoked shall be deemed to refer to this Ordinance.

XXIX. The provisions of this Ordinance shall come into operation at the beginning of the academical year next after the approval thereof by His Majesty in Council.

[Approved, 25th May, 1911.]

DEGREE OF DOCTOR OF MEDICINE (OLD REGULATIONS).[1]

The Degree of Doctor of Medicine may be conferred on any candidate who has obtained the degree of Bachelor of Medicine, and is of the age of twenty-four years, and has been engaged, subsequently to his having obtained the degree of Bachelor of Medicine, for at least two years in attendance on an hospital, or in the Military or Naval medical service, or in medical or surgical practice: Provided always that the degree of Doctor of Medicine shall not be conferred on any person, unless he be a graduate in Arts within the fifth section of the Ordinance, or unless he shall have passed a satisfactory examination in Greek, and in Logic or Moral Philosophy, and in one, at least, of the following subjects—namely, French, German, Higher Mathematics, and Natural Philosophy. Provided also that each candidate for the degree of Doctor of Medicine shall present an Inaugural Dissertation composed by himself to be approved by the Senatus Academicus. Such Dissertations or Theses[2] must be lodged with the Registrar on or before 1st February or 1st June.[3] The fee for the Degree of M.D. (Old Regulations) is £5 5s.

[1] See also portion in italics, p. 26.

[2] Candidates are required to have their Theses bound in stiff boards by a bookbinder before sending them in.

[3] See footnote on p. 25.

PRELIMINARY EXAMINATION FOR DEGREES IN MEDICINE.

The following are the details referred to on page 12.

LATIN will comprise Grammatical Questions, Translation into English from Latin Authors not previously prescribed, and Translation of plain passages or easy sentences from English into Latin.

N.B.—The papers set in Latin will be the same as those set on the Lower Standard in the Arts Preliminary Examination.

The Examination will be—Translation and Parsing, Prose Composition, Grammar, and Sentences.

Candidates are required to satisfy the Examiners both in Composition and in Translation.

GREEK will comprise Grammatical Questions, Translation into English from Greek Authors not previously prescribed, and Translation of plain passages or easy sentences from English into Greek.

N.B.—The papers set in Greek will be the same as those set on the Lower Standard in the Arts Preliminary Examination.

The Examination will be—Translation, Sentences, and Grammar.

Candidates are required to satisfy the Examiners both in Composition and in Translation.

MATHEMATICS will comprise (1) Arithmetic, including Vulgar and Decimal Fractions, Proportion, Percentage, Square Root, Simple Interest ; (2) Algebra, including Fractions, Factors, Square Root, Equations of the First Degree, Simultaneous Equations of the First Degree, Easy Quadratic Equations, Problems leading to the above Equations ; (3) Geometry—Euclid, Books I., II., and III. (or their equivalents), with easy deductions. Demonstrations other than Euclid's will be accepted if they assume no propositions which in Euclid's order are subsequent to the proposition under consideration. The Joint Board has directed that each question in Geometry shall consist of two parts, of which one shall be an easy deduction or illustrative exercise on the proposition set as bookwork.

N.B.—The papers set in Mathematics will be the same as those set on the Lower Standard in the Arts Preliminary Examination.

The paper in Mathematics on the Lower Standard will be devoted to the various subjects comprised in as nearly as possible the following proportions: four-ninths to Geometry, three-ninths to Algebra, and two-ninths to Arithmetic.

Candidates may obtain full marks by doing correctly about two-thirds of the questions set in each subject; but the Examiners will be entitled to reject a candidate who makes in any subject less than a certain minimum of the marks allotted to that subject.

Candidates are requested specially to note—

THAT THE EXAMINATIONS IN LATIN, GREEK, FRENCH, AND GERMAN WILL BE WHOLLY ON "UNSEEN" BOOKS, NO SPECIAL AUTHORS HAVING BEEN PRESCRIBED BY THE JOINT BOARD.

The Examinations will take place as follows:—

TUESDAY, 5th SEPTEMBER, 1911, and FRIDAY, 15th MARCH, 1912.

English, - - - - - -	9 a.m. to 12 noon.
Latin, - - - - - -	3 to 6 p.m.

WEDNESDAY, 6th SEPTEMBER, 1911, and FRIDAY, 15th MARCH, 1912.

Greek, - - - - - -	3 to 6 p.m.

THURSDAY, 7th SEPTEMBER, 1911, and MONDAY, 18th MARCH, 1912.

Mathematics, - - - - -	3 to 6 p.m.

FRIDAY, 8th SEPTEMBER, 1911, and TUESDAY, 19th MARCH, 1912.

French, - - - - - -	12 noon to 3 p.m.

SATURDAY, 9th SEPTEMBER, 1911, and WEDNESDAY, 20th MARCH, 1912.

German, - - - - - -	3 to 6 p.m.

The Fee for the Examination is 10s. 6d.,[1] payable on each occasion of entering. Forms of Application for admission to the Examinations may be had from Mr. W. INNES ADDISON, Registrar.[2] THE LAST DAYS FOR RECEIVING NAMES ARE 18TH AUGUST, 1911, AND 23RD FEBRUARY, 1912. *Late Entries cannot, under any circumstances, be received.*

The results will not be known till, at earliest, 28th September, 1911, and 8th April, 1912.

[1] As to the fee payable for examination in a special subject, see third footnote on p. 12.

[2] Women Students will please apply for forms to Miss Melville, Queen Margaret College.

Foundation.	No. of Bursaries.	Period of Tenure.	Approximate Annual Value of each.
		Years.	
Arthur,[1]	1	3	£20
Brisbane,	1	4	£40
Davidson,	1	3	£34
Gardiner,[2]	1	2	£14
Gibson, Dr. Thomas,[2]	1	4	£36
Glasgow Highland Society,	6	5	£25
Logan,[2]	1	4	£16
Lorimer,	4	3	£25 and £17
Macarthur,	1	2	£20
Macfarlane, John,	1	3	£48
Mackintosh,[2]	1	1	£31
Marshall,	1	4	£17
Merchants' House,	2	4	£25
Monteith, John,	2	2	£21
Oliphant, John,	1	6	£35
Paterson, James A.,	8	4	£25 and £20
Rainy,	2	2	£20
Walton,	1	4	£35
Weir, Andrew,	1	1	£18
BURSARIES IN THE FACULTIES OF LAW OR MEDICINE.			
Stewart, A. & B.,[2]	5	3	£50
BURSARIES IN THE FACULTIES OF ARTS, LAW, OR MEDICINE.			
Macdonald,	2	4	£17
William Whyte,	4	4	£25
BURSARIES IN THE FACULTIES OF THEOLOGY, LAW, OR MEDICINE.			
Armagh,[2]	3	3	£52
Bell,	—	—	£50
Hutcheson, Thomas,	1	4	£11 2/2¾
BURSARIES IN ANY FACULTY.			
Ayrshire Society,[2]	4	3	£15
Denny,[2]	4	4	£30
Dumfriesshire Society,[2]	2	4	£15
Ferguson, James,	2	2	£100
Forrest,	5	5 or less	£22
Gibson, John,	2	3	£20
Hart,[2]	2	5	£30
Kintyre (Ker),	1	3	£20
Kintyre (Alexander Love),	1	4	£11
M'Kechnie,	2	4	£35
Pratt,[2]	2	4	£20
Shearer,	3	3	£30
Smith,	1	4	£18
Stillie,[2]	1	1	£5
Taylor,[2]	2	4	£10

[1] Open to women students only. [2] Both men and women are eligible.

PRIZES IN THE FACULTY OF MEDICINE.

Senior Arnott Prize, - - -	£25	awarded annually.
Junior Arnott Prize, - - -	£15	,,
Brunton Memorial Prize, - -	£10	,,
Maeleod Gold Medal, - - -		,,
Dobbie-Smith Gold Medal, - -		,, biennially.
Straits Settlements Gold Medal, -		,, triennially.
Struthers Gold Medal and Prize,		,, biennially.

John Reid Prize, £25 tenable for one or more years.

The following Fellowships and Scholarships are tenable by Students of Medieine:—George A. Clark Seholarships, John Clark (Mile-End) Seholarships, Eglinton Fellowships, William Euing Fellowships, Luke Fellowship, and Seott Seholarship. (See *University Calendar.*)

BURSARIES AND PRIZES IN MEDICINE.

Open to Competition during Session 1911-12.

Section XIII. of University Court Ordinance No. XXVII. is as follows:

Bursaries open for competition to students entering on their first session of attendance in the Faculty of Medicine shall be tenable only by those students who have passed the Preliminary Examination in Medicine, or who have been exempted therefrom in accordanee with the provisions of the Regulations for Degrees in Medicine, and who have not attended any class qualifying for graduation in Medicine: Provided always that the last-mentioned condition shall not be held to exclude a Candidate who may have attended the class of Physics, Chemistry, Botany, or Zoology, otherwise than as part of a graduation eourse in Medicine.

1. *Mackintosh Bursary*, annual value £31, tenable for one year. Open to medical students of either sex who have attended the Lectures on Insanity.

2 and 3. *Two Glasgow Highland Society Bursaries*, annual value of eaeh £25, tenable for five years, for students of Highland deseent. Apply to Mr. Hugh Brown, C.A., 58 St. Vincent Street, Glasgow, on or before 5th August.

4. *Merchants' House Bursary*, annual value £25, tenable for four years, open to students entering on the first winter session of their medical curriculum. See *Calendar*, p. 412. Names to be given in to the Registrar by 18th August. Apply to the Clerk of the Merehants' House, Glasgow, before 10th August.

5 and 6. *Two James A. Paterson Bursaries*, annual value £25 and £20 respectively, tenable for four years. Open to students entering on their first or second session of medieal study. Examination in Mathematics and Applied Mathematics (ineluding Dynamics).

7 and 8. *Two Lorimer Bursaries*, annual value £17 each, tenable for three years. Open to medical students entering on their second winter session.

9. *John Macfarlane Bursary*, annual value £48, tenable for three years. Open to students entering on their second winter session of medical study.

10. *William Gardiner Bursary*, annual value £14, tenable for two years, will be awarded in October, 1911, for proficiency in Physiology, Chemistry, and Physics. See *Calendar*, p. 383.

11. *Rainy Bursary*, annual value £20, tenable for two years. Open to students entering on their fourth session of medical study. See *Calendar*, p. 423.

12. *Dr. Thomas Gibson Bursary*, annual value £36, tenable for four years. Open to medical students entering on their second winter who are preparing for service as medical missionaries. It will be awarded to the qualified candidate who has gained the highest number of marks in the First Professional Examination. See *Calendar*, p. 385. Applications to be sent to the Clerk of Senate early in October, 1911.

13. *John Monteith Bursary*, annual value £21, tenable for two years, will be awarded in November to the student who gains the highest number of marks in Anatomy and Physiology in March and October, 1911.

14. *Andrew Weir Bursary*, value £18, tenable for one year, will be awarded in November in accordance with results of Second and Third Professional Examinations.

15. *Junior Arnott Prize*, of about £15, for an examination in General Physics, open to students of the first and second years of their medical studies.

16. *Senior Arnott Prize*, of £25, for an examination in Physiological Physics, open to students of the third and fourth years of their medical studies.

17. *Joseph Coats Memorial Scholarship*, value £85, tenable for one year. See *Calendar*, p. 441.

18. *Brunton Memorial Prize*, of about £10, is given to the most distinguished graduate in Medicine of the year.

For the *Denny*, the *Hutchesons' Educational Trust*, the *Pratt*, the *William Whyte*, the *Armagh*, and the *James Ferguson Bursaries*, also tenable by students of Medicine, see *Calendar*, Nos. 24, 38 to 42, 55, 56, 58, 76, and 75, under Faculty of Arts. For the *Andrew and Bethia Stewart Bursaries*, see *Calendar*, p. 427 ; and for the *M'Cunn Research Scholarships* tenable by graduates, see p. 452 of *Calendar*.

Dates of Examinations.

The examinations for the Bursary No. 1 in the above list will be held in June ; for Nos. 2 and 3, at the same time as the Medical Preliminary, and on the same papers ; for No. 4 at the same time as the Arts and

Science Preliminary; for Nos. 5 and 6, on Wednesday, 6th September, at 12 noon, on Thursday, 7th September, at 12 noon, on Friday, 8th September, at 3 p.m., and on Thursday, 14th September, at 9 a.m. and 2 p.m.; for Nos. 7, 8, and 9, on Monday, 2nd October, at 9 a.m. and 2 p.m., and on Tuesday, 3rd October, at 9 a.m.; and for the Prizes Nos. 15 and 16, on Saturday, 7th October, at 2 p.m.

Dates for sending in Applications.

Candidates for the Bursaries Nos. 2 to 6 are required to give in their names to the Registrar not later than 18th August; for Nos. 7, 8, and 9, not later than 1st September; for the Prizes Nos. 15 and 16, not later than 29th August; and for the Scholarship No. 17 not later than 1st September.

PATRONAGE BURSARIES.

Thomas Hutcheson Bursary, see *Calendar*, page 393.

SPECIAL STUDY AND RESEARCH.

In Ordinance No. 61, the Universities Commission (1889) made the following regulations for the encouragement of special study and research, and for the appointment of Research Fellows:—

I. It shall be in the power of the Senatus Academicus in each University, with the approval of the University Court, to make regulations under which graduates of Scottish Universities or of other Universities recognized by the University Court for the purposes of this ordinance, or other persons who have given satisfactory proof of general education and of fitness to engage in some special study or research, may be admitted to prosecute such study or research in the University.

II. It shall be the duty of the Senatus Academicus in each University—(1) To receive and decide upon all applications for admission to prosecute special study or research; (2) To prepare a list of all persons so admitted (hereinafter referred to as Research Students); (3) To make regulations for the supervision of their work; (4) To satisfy themselves from time to time that the Research Students are carrying on their work in the University in a satisfactory manner; (5) To suspend or

exclude from any course any student whose conduct or progress is unsatisfactory.

III. Every applicant for admission must send in to the Senatus Academicus a written application stating any degree or other distinction which he has already obtained, the line of study or research which he wishes to prosecute and the probable period of its duration, together with evidence as to his character, capacity, and general qualifications.

IV. Any application for admission shall be in the first instance referred by the Senatus Academicus to the appropriate Faculty, or to a Committee appointed by the Senatus; one member of the Committee shall always be a Professor or Lecturer within whose department the proposed line of study or research falls. No applicant shall be recommended by the Faculty or the Committee who has not satisfied them by examination or otherwise that he is qualified to prosecute the proposed line of study or research, and further—(*a*) That his proposed line of study or research is a fit and proper one; (*b*) That he possesses a good general education; (*c*) That he is of good character; (*d*) That he proposes to prosecute his studies or research during a period to be approved by the Senatus Academicus. The Faculty or the Committee shall make a report to the Senatus Academicus upon each application. It shall also be their duty, subject to the regulations of the Senatus Academicus, to provide for the supervision of the Research Student's work, and to report at least once a year to the Senatus as to his progress and conduct. The Senatus shall then determine whether he shall remain a Research Student.

V. Every Research Student shall be required to matriculate each year, paying the ordinary fee.

VI. Research Students shall have access to and the use of the University Laboratories and Museums, under such conditions as to payment and otherwise as the University Court, after consultation with the Senatus Academicus, may determine.

Under this section the following regulations have been made:—1. In each laboratory each Research Student shall make payment of a sum which is estimated by the Professor as sufficient to cover the ordinary expenses incident to the Research Student's work. Apparatus and material beyond what

is included in the ordinary operations of the laboratory shall be charged to the Student, unless the Professor judges that such apparatus and material will be a useful addition to the laboratory. But it shall be in the power of each Professor to propose to the University Court in any particular case that these payments may be remitted in whole or in part. 2. In all matters of discipline the Research Student shall be under the control of the Professor in whose laboratory he works. 3. All papers arising out of work done in a laboratory shall be submitted to the Professor before publication, and in all such publications a due recognition of the laboratory shall be inserted.

VII. The title of Research Fellow may be conferred by the Senatus Academicus, with the approval of the University Court, on Research Students who have shown special distinction. Such title shall not of itself confer any right to stipend, but it shall be in the power of the University Court to provide a stipend of such amount and for such period as it may think fit to any Research Fellow under the powers of Ordinance No. 25, Section XI., sub-section 8.

VIII. (1) The Research Fellows shall be appointed as aforesaid after consideration of the report or reports submitted in terms of Section IV. hereof.

(2) The title of Research Fellow may be conferred either at the commencement of the Research Student's course of study or research, or at any time during its progress, as the Senatus Academicus may determine.

(3) Research Fellows shall retain their title and stipend, if any, for the period during which they are engaged in special study or research in the University, and no longer.

(4) Research Students who have been appointed Research Fellows shall continue to be subject to the conditions above prescribed as to the supervision of their work and the reports to be made thereon.

IX. Nothing herein contained shall prejudice the right of Research Students to such Fellowships, Scholarships, or Prizes as may be open to them by Ordinance or Deed of Foundation.

X. The University Court may, subject to the provisions of Ordinance No. 25, Section XI., sub-section 8, provide such sums as it may think fit in aid of the expenses of special study or research.

Research Work in 1910-11.

Research Students.

Robert Bruce Young, M.A., D.Sc., M.B., C.M.—On the Anatomy of the Joints.

Robert C. Gray, M.A.—The Magnetic Properties of Copper-Aluminium Alloys. The Magnetic and Non Magnetic Conditions of Manganese Steel.

George H. Edington, M.D.—Visceral Malformations.

Ruth Pirret, B.Sc.—Ratio of Radium to Uranium in various minerals.

William F. Mackenzie, M.B., Ch.B.—The early development of the Molar Teeth in the Human Subject, with special reference to the mode and time of separation of their germs.

Margaret B. Moir, M.A., B.Sc.—A sensitive state induced in magnetic materials by thermal treatment.

Alfred J. A. Woodcock, M.Sc. (Durham).—The Life Histories of Clyde Hydrozoa.

Williamina Abel, M.D., Ch.B. (Aber.).—Development of nervous structures in the heart. Formation and distribution of other portions of the central and sympathetic nervous systems. The mode of development of the Visceral Nerves.

Charles H. G. Martin, B.A. (Oxon.).—Some Parasitic Protozoa.

Harriet E. Allison, B.Sc.—Cytological differentiation of sterile and fertile cells. Anatomy of Marsilia polycarpa.

James Cossar, M.A. (Edin.)—The development of the Ports of the Forth and the Clyde, and their relation to their hinterlands.

Leonard Findlay, M.D.—The origin of anthracosis. The mode of entrance of the tubercle bacillus into body. Problems in infant feeding.

George H. Clark, M.B., Ch.B.—An enquiry into the action of Chloroform upon the tissues and organs of the body.

Monica Taylor, B.Sc. (London).—The Morphology and Development of certain lower Vertebrates.

John H. Smith, B.Sc. (Agric.).—The Changes taking place in Nitrogenous Compounds in Farmyard Manure during storage and after the manure is put on the soil.

Ivo E. Bertram, M.A. (New Zealand).—Moral Philosophy.

James W. M'Leod, M.B., Ch.B.—Enquiry into the existence of hæmolysin-producing bacteria amongst the intestinal flora in health and in disease. The examination of pathological human sera for the presence of antihæmolysins to various bacterial hæmolysins.

SPECIAL TEACHING BY SCHOLARS AND FELLOWS IN 1910-11.

Bryce K. N. Wyllie, M.A. (*G. A. Clark Scholar*).—Latin Prose exercises, Greek translation papers.

Hector J. W. Hetherington, M.A. (*G. A. Clark Scholar*).—Tutorial Instruction (*Sartor Resartus* and *Idealism as a Practical Creed*) to sections of the Ordinary Moral Philosophy Class. Twenty lectures on Greek Ethics to the Intermediate Moral Philosophy Class.

Leonard J. Russell, M.A., B.Sc. (*G. A. Clark Scholar*).—Course of lectures on Kant for Honours Students.

John M'Whan, M.A. (*G. A. Clark Scholar*).—Course of seventeen lectures on Thermodynamics to the Natural Philosophy Honours Class (Division A).

William D. Taylor, M.A. (*G. A. Clark Scholar*).—Short Course of lectures on the influence of French taste on English literature in the seventeenth and eighteenth centuries.

David Millar, M.A. (*Eglinton Fellow*).—Latin Prose exercises (Higher Ordinary Class); one examination paper in Latin (Ordinary Class); translation papers in Greek.

David A. Shepherd, M.A. (*Ewing Fellow*).—Unseen papers for the Intermediate and Advanced Honours Classes in Latin. Translation papers in Greek.

Donald Stalker, M.A. (*Ewing Fellow*).—Course of seven lectures on Berkeley to the Ordinary Logic Class.

Thomas H. Black, M.A. (*Ewing Fellow*).—Tutorial work in Mathematics.

John S. Armour, M.A. (*Luke Fellow*).—Assistance with the written work of the Higher Ordinary Class in English.

Alexander S. Small, M.A., B.Sc. (*Metcalfe Fellow*).—Tutorial work in Mathematics (till Jan. 1911).

Ernest Evans, M.A. (*Scott Scholar*).—Three lectures on Greek Logic to the Honours and Intermediate Greek Classes.

THE CARNEGIE TRUST.

For the information of Students desiring payment of Class Fees from the Trust, it may be mentioned that applicants (1) must be at least sixteen years of age, (2) must be of Scottish birth or extraction, or must have given two years' attendance after the age of fourteen at schools or institutions under inspection of the Scotch Education Department, and (3) must be qualified by preliminary examination to attend the classes for which payment of fees is wished. For further particulars, see pp. 190-192 of *Calendar*.

All communications on this subject must be addressed to the Secretary of the Trust, 14 Hanover Street, Edinburgh, *and not to the University*.

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